(RPAQQ **PACKAGE-CONVERSION-TABLECOMS** (

;;; Set up the LITATOM-PACKAGE-CONVERSION-TABLE for use by the INIT.

```
                            (VARIABLES LITATOM-PACKAGE-CONVERSION-TABLE)
                            ;; Arrange to use the correct compiler.
                            (PROP FILETYPE PACKAGE-CONVERSION-TABLE)))
```

;;; Set up the LITATOM-PACKAGE-CONVERSION-TABLE for use by the INIT.

(CL:DEFVAR **LITATOM-PACKAGE-CONVERSION-TABLE**

;; NOTE!  This list is defined BOTH in PACKAGE-STARTUP and the file PACKAGE-CONVERSION-TABLE.  PACKAGE-CONVERSION-TABLE is
;; loaded early in the init  to help TYPE-VARIABLE-FROM-TYPE-NAME do the right thing when packages are off, so that copy of the table is the
;; dominant one.  If you're thinking of changing this table, STOP right now and load PACKAGE-CONVERSION-TABLE so the change will show up in
;; the init - JRB

;; And to answer the obvious question: No, we can't put a FILES reference in either of these files.  It would have to be a "load the other one only
;; when the source for this one is being loaded" which doesn't exist.

'(("CL::" NIL "COMMON-LISP" :INTERNAL)

;; Minor incantation below which facilitates the sharing of symbols bewtween the LISP and COMMON-LISP packages.

;; Note the doubled "LISP:" and "CL:" clauses.  NAMESTRING-CONVERSION-CLAUSE matches the first string against the front of the atom's
;; pname, then searches the list of strings for exceptions.  The first "CL:" clause causes any atom that isn't in CL only to be homed in CL and
;; shared in LISP; the second clause catches the exceptions that fall through and homes them in LISP only.  Ditto the two "LISP" clauses.  Ditto^2
;; the two XCL clauses.  Many of the XCL entries will be unnecessary as files get remade with the new package environment

;; The CL: exceptions should be the same as the NEWCLSYMS list (except for the CL: prefixes); the LISP: exceptions should cover the
;; OLDCLSYMS and SPLITCLSYMS lists similarly.

```
("CL:" ("CL:REAL" "CL:BASE-CHARACTER" "CL:EXTENDED-CHARACTER" "CL:READTABLE-CASE" "CL:SIMPLE-STRING"
          "CL:BASE-STRING" "CL:SIMPLE-BASE-STRING" "CL:BROADCAST-STREAM" "CL:CONCATENATED-STREAM"
          "CL:ECHO-STREAM" "CL:SYNONYM-STREAM" "CL:STRING-STREAM" "CL:FILE-STREAM" "CL:TWO-WAY-STREAM"
          "CL:UPGRADED-ARRAY-ELEMENT-TYPE" "CL:UPGRADED-COMPLEX-PART-TYPE" "CL:LOAD-TIME-EVAL"
          "CL:REALP" "CL:FDEFINITION" "CL:NTH-VALUE" "CL:DESTRUCTURING-BIND"
          "CL:DEFINE-COMPILER-MACRO" "CL:COMPILER-MACRO-FUNCTION" "CL:COMPILER-MACROEXPAND"
          "CL:COMPILER-MACROEXPAND-1" "CL:VARIABLE-INFORMATION" "CL:FUNCTION-INFORMATION"
          "CL:DECLARATION-INFORMATION" "CL:AUGMENT-ENVIRONMENT" "CL:DEFINE-DECLARATION"
          "CL:PARSE-MACRO" "CL:ENCLOSE" "CL:DECLAIM" "CL:DYNAMIC-EXTENT" "CL:*GENSYM-COUNTER*"
          "CL:WITH-PACKAGE-ITERATOR" "CL:LEAST-POSITIVE-NORMALIZED-SHORT-FLOAT"
          "CL:LEAST-POSITIVE-NORMALIZED-SINGLE-FLOAT" "CL:LEAST-POSITIVE-NORMALIZED-DOUBLE-FLOAT"
          "CL:LEAST-POSITIVE-NORMALIZED-LONG-FLOAT" "CL:LEAST-NEGATIVE-NORMALIZED-SHORT-FLOAT"
          "CL:LEAST-NEGATIVE-NORMALIZED-SINGLE-FLOAT" "CL:LEAST-NEGATIVE-NORMALIZED-DOUBLE-FLOAT"
          "CL:LEAST-NEGATIVE-NORMALIZED-LONG-FLOAT" "CL:COMPLEMENT" "CL:MAP-INTO"
          "CL:WITH-HASH-TABLE-ITERATOR" "CL:HASH-TABLE-REHASH-SIZE" "CL:HASH-TABLE-REHASH-THRESHOLD"
          "CL:HASH-TABLE-SIZE" "CL:HASH-TABLE-TEST" "CL:ROW-MAJOR-AREF" "CL:OPEN-STREAM-P"
          "CL:BROADCAST-STREAM-STREAMS" "CL:CONCATENATED-STREAM-STREAMS" "CL:ECHO-STREAM-INPUT-STREAM"
          "CL:ECHO-STREAM-OUTPUT-STREAM" "CL:SYNONYM-STREAM-SYMBOL" "CL:TWO-WAY-STREAM-INPUT-STREAM"
          "CL:TWO-WAY-STREAM-OUTPUT-STREAM" "CL:INTERACTIVE-STREAM-P" "CL:STREAM-EXTERNAL-FORMAT"
          "CL:*READ-EVAL*" "CL:READTABLE-CASE" "CL:*PRINT-READABLY*" "CL:WITH-STANDARD-IO-SYNTAX"
          "CL:PRINT-UNREADABLE-OBJECT" "CL:WILD-PATHNAME-P" "CL:PATHNAME-MATCH-P"
          "CL:TRANSLATE-PATHNAME" "CL:LOGICAL-PATHNAME" "CL:TRANSLATE-LOGICAL-PATHNAME"
          "CL:LOGICAL-PATHNAME-TRANSLATIONS" "CL:LOAD-LOGICAL-PATHNAME-TRANSLATIONS"
          "CL:COMPILE-FILE-PATHNAME" "CL:FILE-STRING-LENGTH" "CL:*LOAD-PRINT*" "CL:*LOAD-PATHNAME*"
          "CL:*LOAD-TRUENAME*" "CL:MAKE-LOAD-FORM" "CL:MAKE-LOAD-FORM-SAVING-SLOTS"
          "CL:*COMPILE-VERBOSE" "CL:*COMPILE-PRINT*" "CL:*COMPILE-FILE-PATHNAME*"
          "CL:*COMPILE-FILE-TRUENAME*" "CL:LOAD-TIME-VALUE" "CL:FUNCTION-LAMBDA-EXPRESSION"
          "CL:WITH-COMPILATION-UNIT" "CL:IN-PACKAGE" "CL:LOCALLY")
        ("COMMON-LISP" "LISP")
       :EXTERNAL)
    ("CL:" NIL "COMMON-LISP" :EXTERNAL)
    ("LISP::" NIL "LISP" :INTERNAL)
    ("LISP:" ("LISP:COMMON" "LISP:COMMONP" "LISP:STRING-CHAR" "LISP:STRING-CHAR-P" "LISP:INT-CHAR"
              "LISP:COMPILER-LET" "LISP:CHAR-BIT" "LISP:SET-CHAR-BIT" "LISP:*MODULES*" "LISP:PROVIDE"
              "LISP:REQUIRE" "LISP:CHAR-FONT-LIMIT" "LISP:CHAR-BITS-LIMIT" "LISP:CHAR-BITS"
              "LISP:CHAR-FONT" "LISP:MAKE-CHAR" "LISP:CHAR-CONTROL-BIT" "LISP:CHAR-META-BIT"
              "LISP:CHAR-SUPER-BIT" "LISP:CHAR-HYPER-BIT" "LISP:*BREAK-ON-WARNINGS*" "LISP:LOCALLY"
              "LISP:IN-PACKAGE")
        ("COMMON-LISP" "LISP")
       :EXTERNAL)
    ("LISP:" NIL "LISP" :EXTERNAL)
    (":" NIL "KEYWORD" :EXTERNAL)
```

```
      ("CONDITIONS::" NIL "CONDITIONS" :INTERNAL)
      ("CONDITIONS:" ("CONDITIONS:*BREAK-ON-SIGNALS*" "CONDITIONS:COMPUTE-RESTARTS" "CONDITIONS:CONTINUE"
                      "CONDITIONS:DIVISION-BY-ZERO" "CONDITIONS:FILE-ERROR"
                      "CONDITIONS:FILE-ERROR-PATHNAME" "CONDITIONS:FIND-RESTART"
                      "CONDITIONS:FLOATING-POINT-OVERFLOW" "CONDITIONS:FLOATING-POINT-UNDERFLOW"
                      "CONDITIONS:INVOKE-DEBUGGER" "CONDITIONS:INVOKE-RESTART"
                      "CONDITIONS:INVOKE-RESTART-INTERACTIVELY" "CONDITIONS:MUFFLE-WARNING"
                      "CONDITIONS:PROGRAM-ERROR" "CONDITIONS:RESTART" "CONDITIONS:RESTART-BIND"
                      "CONDITIONS:RESTART-CASE" "CONDITIONS:TYPE-ERROR-DATUM" "CONDITIONS:UNBOUND-SLOT"
                      "CONDITIONS:WITH-CONDITION-RESTARTS" "CONDITIONS:WITH-SIMPLE-RESTART")
            "CONDITIONS" :EXTERNAL)
      ("CONDITIONS:" NIL ("COMMON-LISP" "CONDITIONS")
            :EXTERNAL)
      ("XCL::" NIL "XCL" :INTERNAL)
```

;; Similar trick here as for COMMON-LISP vs. LISP above

```
      ("XCL:" ("XCL:ABORT" "XCL:ARITHMETIC-ERROR" "XCL:BROADCAST-STREAM-STREAMS" "XCL:CELL-ERROR"
                      "XCL:CELL-ERROR-NAME" "XCL:CONCATENATED-STREAM-STREAMS" "XCL:CONDITION" "XCL:CONTROL-ERROR"
                      "XCL:DEFINE-CONDITION" "XCL:DEFPACKAGE" "XCL:DELETE-PACKAGE" "XCL:DESTRUCTURING-BIND"
                      "XCL:DIVISION-BY-ZERO" "XCL:ECHO-STREAM-INPUT-STREAM" "XCL:ECHO-STREAM-OUTPUT-STREAM"
                      "XCL:END-OF-FILE" "XCL:FILE-ERROR" "XCL:FLOATING-POINT-OVERFLOW"
                      "XCL:FLOATING-POINT-UNDERFLOW" "XCL:HANDLER-BIND" "XCL:IGNORE-ERRORS" "XCL:MAKE-CONDITION"
                      "XCL:MAKE-VECTOR" "XCL:OPEN-STREAM-P" "XCL:PACKAGE-ERROR" "XCL:PROGRAM-ERROR"
                      "XCL:ROW-MAJOR-AREF" "XCL:SERIOUS-CONDITION" "XCL:SIGNAL" "XCL:SIMPLE-CONDITION"
                      "XCL:SIMPLE-CONDITION-FORMAT-ARGUMENTS" "XCL:SIMPLE-CONDITION-FORMAT-STRING"
                      "XCL:SIMPLE-ERROR" "XCL:SIMPLE-STRING" "XCL:SIMPLE-TYPE-ERROR" "XCL:SIMPLE-WARNING"
                      "XCL:STORAGE-CONDITION" "XCL:STORE-VALUE" "XCL:STREAM-ERROR" "XCL:STREAM-ERROR-STREAM"
                      "XCL:STRING-STREAM-P" "XCL:SYNONYM-STREAM-SYMBOL" "XCL:TWO-WAY-STREAM-INPUT-STREAM"
                      "XCL:TWO-WAY-STREAM-OUTPUT-STREAM" "XCL:TYPE-ERROR" "XCL:UNBOUND-VARIABLE"
                      "XCL:UNDEFINED-FUNCTION" "XCL:USE-VALUE" "XCL:WARNING")
            "XCL" :EXTERNAL)
      ("XCL:" NIL ("COMMON-LISP" "XCL")
            :EXTERNAL)
      ("SI::" NIL "SI" :INTERNAL)
      ("SI:" NIL "SI" :EXTERNAL)
      ("COMPILER::" NIL "COMPILER" :INTERNAL)
      ("COMPILER:" NIL "COMPILER" :EXTERNAL)
      ("FASL::" NIL "FASL" :INTERNAL)
      ("FASL:" NIL "FASL" :EXTERNAL)))
```

;; Arrange to use the correct compiler.

(PUTPROPS **PACKAGE-CONVERSION-TABLE FILETYPE** CL:COMPILE-FILE)

**PROPERTY INDEX**

**VARIABLE INDEX**