

File created: 5-Dec-87 20:14:05 {QV}<NOTECARDS>1.3L>LIBRARY>NCKEY.;1

changes to: (VARS NCKEYCOMS)
(FNS NCKEY-BUILD-HELP)

previous date: 11-Jul-87 14:44:53 {QV}<NOTECARDS>1.3K>LIBRARY>NCKEY.;1

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

::
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```
(RPAQQ NCKEYCOMS
  [(DECLARE%: DONTCOPY (PROP MAKEFILE-ENVIRONMENT NCKEY))
   (FILES (SYSLOAD FROM LISPUSERS)
           TEDITKEY)
```

::: User Parameters

```
(INITVARS (*NCKEY-DEFAULT-TITLE* "Untitled")
           (*NCKEY-DEFAULT-DISPLAYMODE*)
           (*NCKEY-DEFAULT-CARDTYPE* 'Text)
           (*NCKEY-DEFAULT-LINKTYPE* 'Unspecified))
[INITVARS (*NCKEY-BINDINGS* '((J j)
                             NCKEY-CREATE-LINK-WITH-TITLE "Inserts a Link Using Selection as Title")
          (K k)
          NCKEY-CREATE-LINK-WITH-TEXT "Inserts a Link Using Selection as Text")
          (R r)
          (NCHACKS.RemoveDeletedIconsFromTextCards CARD)
          "Removes Deleted Link Icons")
          (T t)
          NCKEY-ENTITLE "Sets Title Using Selection")
          (L l)
          NCKEY-MAP-LINKS "Coerces Links using Global Parameters")
          NIL
          (?))
  NCKEY-HELP "Brings Up Help Menu"]
```

::: Global Variables

```
(VARS (*NCKEY-HELP-MENU*))
(FNS NCKEY-DISPATCHER NCKEY-BUILD-HELP)
(FNS NCKEY-HELP NCKEY-ENTITLE NCKEY-MAP-LINKS NCKEY-CREATE-LINK-WITH-TEXT NCKEY-CREATE-LINK-WITH-TITLE)
(DECLARE%: DONTEVAL@LOAD (P (NCKEY-BUILD-HELP))
  (P [SETQ TEDITKEY.KEYBINDINGS (UNION (APPEND TEDITKEY.KEYBINDINGS '(NIL))
                                       '((NCKEY-DISPATCHER (%##W %##w)
                                         "NCKEY Evaluator"]
                                       (\TK.BUILD.MENU)
                                       (TEDITKEY.INSTALL])
```

(DECLARE%: DONTCOPY

(PUTPROPS **NCKEY MAKEFILE-ENVIRONMENT** (:PACKAGE "IL" :READTABLE "INTERLISP" :BASE 10))
)

(FILESLOAD (SYSLOAD FROM LISPUSERS)
TEDITKEY)

::: User Parameters

```
(RPAQ? *NCKEY-DEFAULT-TITLE* "Untitled")
(RPAQ? *NCKEY-DEFAULT-DISPLAYMODE* )
(RPAQ? *NCKEY-DEFAULT-CARDTYPE* 'Text)
(RPAQ? *NCKEY-DEFAULT-LINKTYPE* 'Unspecified)
(RPAQ? *NCKEY-BINDINGS*
  '((J j)
   NCKEY-CREATE-LINK-WITH-TITLE "Inserts a Link Using Selection as Title")
   (K k)
   NCKEY-CREATE-LINK-WITH-TEXT "Inserts a Link Using Selection as Text")
   (R r)
   (NCHACKS.RemoveDeletedIconsFromTextCards CARD)
   "Removes Deleted Link Icons")
   (T t)
   NCKEY-ENTITLE "Sets Title Using Selection")
   (L l)
```

```

NCKEY-MAP-LINKS "Coerces Links using Global Parameters"
NIL
( (?
  NCKEY-HELP "Brings Up Help Menu" )))

```

;;; Global Variables

```
(RPAQQ *NCKEY-HELP-MENU* NIL)
```

(DEFINEQ

(NCKEY-DISPATCHER

```

[LAMBDA (TEXTSTREAM TEXTOBJ SEL) (* Rao "26-Jun-87 17:23")
  (RESETLST
    (RESETSAVE (CONTROL T))
    (RESETSAVE (ECHOMODE NIL))
    (RESETSAVE (CARET 'OFF))
    (LET* ((KEY (READC T))
           (CARD (NCP.CardFromTextStream TEXTSTREAM)))
      (if CARD
        then (bind ACTIONFN for ENTRY in *NCKEY-BINDINGS*
              do (if (ATOM (CAR ENTRY))
                    then (if (EQ (CAR ENTRY)
                                KEY)
                          then (SETQ ACTIONFN (CADR ENTRY)))
                    elseif (for CHARSPEC in (CAR ENTRY) thereis (EQ CHARSPEC KEY))
                          then (SETQ ACTIONFN (CADR ENTRY)))
                    finally (if ACTIONFN
                            then (if (ATOM ACTIONFN)
                                    then (APPLY* ACTIONFN CARD (NCP.CardNoteFile CARD)
                                                  TEXTSTREAM SEL)
                                    else (EVAL ACTIONFN))
                            else (NCP.PrintMsg NIL NIL "The Key is not bound to a NCKEY Function")))
              else (NCP.PrintMsg NIL NIL "The current TEDIT is not a NoteCard")))))

```

(NCKEY-BUILD-HELP

```

[LAMBDA NIL ; Edited 5-Dec-87 20:02 by rht:
              (* builds a menu to display the key bindings)
  (PROG (ITEMS)
    [for TRIPLE in *NCKEY-BINDINGS*
      do (if TRIPLE
          then (push ITEMS (LIST (CADDR TRIPLE)
                                '' (CADR TRIPLE)
                                "Function which is performed by the key(s) to the right of the
                                mouse"))
              (push ITEMS (LIST (if (ATOM (CAR TRIPLE))
                                  then (CHARDESC (CAR TRIPLE))
                                  else (for DESC in (CAR TRIPLE) collect (CHARDESC DESC))
                                NIL))
          else (* insert a space since NIL marks logical divisions in the list)
              (push ITEMS ' (" " NIL " "))
              (push ITEMS ' (" " NIL " "])
          (SETQ *NCKEY-HELP-MENU* (create MENU
                                         ITEMS _ (DREVERSE ITEMS)
                                         MENUCOLUMNS _ 2
                                         CENTERFLG _ T
                                         MENUFONT _ (FONTCREATE 'HELVETICA 10))

```

(DEFINEQ

(NCKEY-HELP

```

[LAMBDA (WHATEVER) (* Rao "26-Jun-87 16:45")
                  (* brings up a menu of the available key bindings)
  (MENU *NCKEY-HELP-MENU*)

```

(NCKEY-ENTITLE

```

[LAMBDA (CARD NOTEFILE TEXTSTREAM SEL) (* Rao "25-Jun-87 11:47")
  (LET* ((TITLE (TEDIT.SEL.AS.STRING TEXTSTREAM SEL)))
    (NCP.CardTitle CARD TITLE])

```

(NCKEY-MAP-LINKS

```

[LAMBDA (CARD NOTEFILE TEXTSTREAM SEL) (* Rao "26-Jun-87 17:02")
  (for LINK in (NCP.GetLinks CARD NIL NIL NOTEFILE) do (NCP.LinkType LINK *NCKEY-DEFAULT-LINKTYPE*
                                                                    (NCP.LinkDisplayMode LINK *NCKEY-DEFAULT-DISPLAYMODE*]))

```

(NCKEY-CREATE-LINK-WITH-TEXT

```

[LAMBDA (CARD NOTEFILE TEXTSTREAM SEL) (* Rao "25-Jun-87 14:58")
  (LET* ((DESTCARD (NCP.CreateCard *NCKEY-DEFAULT-CARDTYPE* NOTEFILE *NCKEY-DEFAULT-TITLE* T))
        (DESTSTREAM (NCP.CardSubstance DESTCARD)))
    (TEDIT.COPY SEL (TEDIT.SETSEL DESTSTREAM 0 0 'LEFT))

```

```
(TEDIT.SETSEL TEXTSTREAM SEL)
(TEDIT.DELETE TEXTSTREAM SEL)
(NCP.CardSubstance DESTCARD DESTSTREAM)
(NCP.CreateLink CARD DESTCARD *NCKEY-DEFAULT-LINKTYPE* *NCKEY-DEFAULT-DISPLAYMODE*])
```

(NCKEY-CREATE-LINK-WITH-TITLE

(* Rao "24-Jun-87 18:49")

```
[LAMBDA (CARD NOTEFILE TEXTSTREAM SEL)
  (LET* ((TITLE (OR (TEDIT.SEL.AS.STRING TEXTSTREAM SEL)
                    *NCKEY-DEFAULT-TITLE*))
         (TEDIT.DELETE TEXTSTREAM SEL)
         (NCP.CreateLink CARD (NCP.CreateCard *NCKEY-DEFAULT-CARDTYPE* NOTEFILE TITLE T)
                              *NCKEY-DEFAULT-LINKTYPE* *NCKEY-DEFAULT-DISPLAYMODE*])
```

)

(DECLARE%: DONTEVAL@LOAD

(NCKEY-BUILD-HELP)

```
[SETQ TEDITKEY.KEYBINDINGS (UNION (APPEND TEDITKEY.KEYBINDINGS '(NIL))
                                   '((NCKEY-DISPATCHER (%##W %##w)
                                                         "NCKey Evaluator"]
```

(\TK.BUILD.MENU)

(TEDITKEY.INSTALL)

)

(PUTPROPS **NCKEY COPYRIGHT** ("Xerox Corporation" 1987))

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NCKEY-BUILD-HELP	2	NCKEY-DISPATCHER	2	NCKEY-MAP-LINKS	2
NCKEY-CREATE-LINK-WITH-TEXT	2	NCKEY-ENTITLE	2		
NCKEY-CREATE-LINK-WITH-TITLE	3	NCKEY-HELP	2		

VARIABLE INDEX

NCKEY-BINDINGS	1	*NCKEY-DEFAULT-LINKTYPE*	1	NCKEYCOMS	1
NCKEY-DEFAULT-CARDTYPE	1	*NCKEY-DEFAULT-TITLE*	1		
NCKEY-DEFAULT-DISPLAYMODE	1	*NCKEY-HELP-MENU*	2		

PROPERTY INDEX

NCKEY	1
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