

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%: DONTVAL@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)
```

```

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

```

;;; Global Variables

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

```
(DEFINEQ
```

(NKEY-DISPATCHER

```

  [LAMBDA (TEXTSTREAM TEXTOBJ SEL)
    (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 *NKEY-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 NKEY Function"))
                    else (NCP.PrintMsg NIL NIL "The current TEDIT is not a NoteCard")))))

```

(* Rao "26-Jun-87 17:23")

(NKEY-BUILD-HELP

```

  [LAMBDA NIL
    (PROG (ITEMS)
      [for TRIPLE in *NKEY-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
              (push ITEMS ' (" " NIL " "))
              (push ITEMS ' (" " NIL " "))
            (SETQ *NKEY-HELP-MENU* (create MENU
                                           ITEMS _ (DREVERSE ITEMS)
                                           MENCOLUMNS _ 2
                                           CENTERFLG _ T
                                           MENUFONT _ (FONTCREATE 'HELVETICA 10))
              (* insert a space since NIL marks logical divisions in the list)
            )

```

```
(DEFINEQ
```

(NKEY-HELP

```

  [LAMBDA (WHATEVER)
    (MENU *NKEY-HELP-MENU*)

```

(* Rao "26-Jun-87 16:45")

(* brings up a menu of the available key bindings)

(NKEY-ENTITLE

```

  [LAMBDA (CARD NOTEFILE TEXTSTREAM SEL)
    (LET* ((TITLE (TEDIT.SEL.AS.STRING TEXTSTREAM SEL)))
      (NCP.CardTitle CARD TITLE])

```

(* Rao "25-Jun-87 11:47")

(NKEY-MAP-LINKS

```

  [LAMBDA (CARD NOTEFILE TEXTSTREAM SEL)
    (for LINK in (NCP.GetLinks CARD NIL NIL NOTEFILE) do (NCP.LinkType LINK *NKEY-DEFAULT-LINKTYPE*)
      (NCP.LinkDisplayMode LINK *NKEY-DEFAULT-DISPLAYMODE*])

```

(* Rao "26-Jun-87 17:02")

(NKEY-CREATE-LINK-WITH-TEXT

```

  [LAMBDA (CARD NOTEFILE TEXTSTREAM SEL)
    (LET* ((DESTCARD (NCP.CreateCard *NKEY-DEFAULT-CARDTYPE* NOTEFILE *NKEY-DEFAULT-TITLE* T))
            (DESTSTREAM (NCP.CardSubstance DESTCARD)))
      (TEDIT.COPY SEL (TEDIT.SETSEL DESTSTREAM 0 0 'LEFT))

```

(* Rao "25-Jun-87 14:58")

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

(NKEY-CREATE-LINK-WITH-TITLE

```
[LAMBDA (CARD NOTEFILE TEXTSTREAM SEL) (* Rao "24-Jun-87 18:49")
  (LET* ((TITLE (OR (TEDIT.SEL.AS.STRING TEXTSTREAM SEL)
                    *NKEY-DEFAULT-TITLE*))
        (TEDIT.DELETE TEXTSTREAM SEL)
        (NCP.CreateLink CARD (NCP.CreateCard *NKEY-DEFAULT-CARDTYPE* NOTEFILE TITLE T)
                          *NKEY-DEFAULT-LINKTYPE* *NKEY-DEFAULT-DISPLAYMODE*])
  )

(DECLARE%: DONTEVAL@LOAD

(NKEY-BUILD-HELP)

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

(\TK.BUILD.MENU)

(TEDITKEY.INSTALL)
)

(PUTPROPS NKEY COPYRIGHT ("Xerox Corporation" 1987))
```

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NCKEY-CREATE-LINK-WITH-TEXT	2	NCKEY-ENTITLE	2		
NCKEY-CREATE-LINK-WITH-TITLE	3	NCKEY-HELP	2		

VARIABLE INDEX

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NCKEY-DEFAULT-CARDTYPE	1	*NCKEY-DEFAULT-TITLE*	1		
NCKEY-DEFAULT-DISPLAYMODE	1	*NCKEY-HELP-MENU*	2		

PROPERTY INDEX

NCKEY	1
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