

File created: 29-Sep-87 12:03:08 {DSK}<LISPPFILES>MATT>STEP-COMMAND-MENU.;11

changes to: (FUNCTIONS USER::STEP-COMMAND-AFTER USER::STEP-COMMAND-ASKUSER-MENUSELFN USER::STEP-COMMAND-BEFORE
USER::STEP-COMMAND-WRAPPER USER::STEP-COMMAND-ASKUSER)
(VARS STEP-COMMAND-MENUCOMS)

previous date: 4-May-87 16:45:38 {DSK}<LISPPFILES>MATT>STEP-COMMAND-MENU.;8

Read Table: XCL

Package: INTERLISP

Format: XCCS

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(RPAQQ **STEP-COMMAND-MENUCOMS**

```
((INITVARS (*STEP-COMMAND-MENU* T)
  (USER::*STEP-COMMAND-INVERT-MENU-SHADE* 1))
 (P (CL:PROCLAIM ' (CL:SPECIAL *STEP-COMMAND-MENU* USER::*STEP-COMMAND-INVERT-MENU-SHADE*)))
 (FUNCTIONS USER::STEP-COMMAND-AFTER USER::STEP-COMMAND-ASKUSER USER::STEP-COMMAND-ASKUSER-MENUSELFN
  USER::STEP-COMMAND-BEFORE USER::STEP-COMMAND-WRAPPER)
 (P (CHANGENAME 'CL::STEP-COMMAND 'ASKUSER 'USER::STEP-COMMAND-ASKUSER)
  (MOVD 'CL::STEP-COMMAND 'USER::STEP-COMMAND-ORIGINAL)
  (MOVD 'USER::STEP-COMMAND-WRAPPER 'CL::STEP-COMMAND))
 (PROP (MAKEFILE-ENVIRONMENT)
  STEP-COMMAND-MENU)))
```

(RPAQ? ***STEP-COMMAND-MENU* T)**

(RPAQ? **USER::*STEP-COMMAND-INVERT-MENU-SHADE* 1)**

(CL:PROCLAIM ' (CL:SPECIAL *STEP-COMMAND-MENU* USER::*STEP-COMMAND-INVERT-MENU-SHADE*))

(CL:DEFUN **USER::STEP-COMMAND-AFTER** () ; Edited 29-Sep-87 11:39 by Matt Heffron

```
(LET ((USER::STEP-WINDOW (WFROMDS CL::*STEP-IO*)))
 (CL:WHEN (AND *STEP-COMMAND-MENU* (CL:ZEROP CL::*STEP-INDENTATION-LEVEL*))
  (REMOVEWINDOW (WINDOWPROP USER::STEP-WINDOW 'USER::STEP-MENUW))
  (WINDOWPROP USER::STEP-WINDOW 'USER::STEP-MENUW NIL)
  (WINDOWPROP USER::STEP-WINDOW 'USER::STEP-EVENT NIL))))
```

(CL:DEFUN **USER::STEP-COMMAND-ASKUSER** (USER::WAIT USER::DEFAULT USER::MESS USER::KEYLIST) ; Edited 1-May-87 10:25 by Matt Heffron

```
(CL:IF *STEP-COMMAND-MENU*
 (LET ((USER::MENUW (WINDOWPROP (WFROMDS CL::*STEP-IO*)
  'USER::STEP-MENUW)))
  (INVERTW USER::MENUW USER::*STEP-COMMAND-INVERT-MENU-SHADE*)
  (WINDOWPROP USER::MENUW 'USER::STEP-ACTIVE T)
  (AWAIT.EVENT (WINDOWPROP USER::MENUW 'USER::STEP-EVENT))
  (WINDOWPROP USER::MENUW 'USER::STEP-ACTIVE NIL)
  (INVERTW USER::MENUW USER::*STEP-COMMAND-INVERT-MENU-SHADE*)
  (WINDOWPROP USER::MENUW 'USER::STEP-VALUE))
 (ASKUSER USER::WAIT USER::DEFAULT USER::MESS USER::KEYLIST)))
```

(CL:DEFUN **USER::STEP-COMMAND-ASKUSER-MENUSELFN** (USER::ITEM USER::MENU USER::BUTTON) ; Edited 1-May-87 10:25 by Matt Heffron

```
(LET ((USER::W (WFROMMENU USER::MENU)))
 (CL:WHEN (WINDOWPROP USER::W 'USER::STEP-ACTIVE)
  (WINDOWPROP USER::W 'USER::STEP-VALUE (CADR USER::ITEM))
  (NOTIFY.EVENT (WINDOWPROP USER::W 'USER::STEP-EVENT)))))
```

(CL:DEFUN **USER::STEP-COMMAND-BEFORE** () ; Edited 29-Sep-87 11:43 by Matt Heffron

```
(LET ((USER::STEP-WINDOW (WFROMDS CL::*STEP-IO*)))
 (CL:WHEN (AND *STEP-COMMAND-MENU* (NOT (WINDOWPROP USER::STEP-WINDOW 'USER::STEP-MENUW)))
  (LET ((USER::WREGION (WINDOWREGION USER::STEP-WINDOW))
  USER::MENUW USER::MREGION)
  (CL:SETQ USER::MENUW (MENUWINDOW (create MENU
  ITEMS _ ' ("Step" \ "Step - Evaluate this expression,
  stepping on the sub-expressions")
  ("Next" N "Next - Evaluate this expression
  without stepping")
  ("Finish" F "Finish - Complete evaluation
  without the stepper")
  ("Abort" ^ "Abort - Abort this evaluation"))
  WHENSELECTEDFN _
  #'USER::STEP-COMMAND-ASKUSER-MENUSELFN
  MENCOLUMNS _ 1
  TITLE _ " Commands "
  CENTERFLG _ T)
  T))
 (CL:SETQ USER::MREGION (WINDOWREGION USER::MENUW))
 (ATTACHWINDOW USER::MENUW USER::STEP-WINDOW (CL:IF (> (+ (fetch (REGION LEFT) of) USER::WREGION)
  (fetch (REGION WIDTH) of) USER::WREGION)
  )
```

```

(|fetch| (REGION WIDTH) |of| USER::MREGION
  )
  SCREENWIDTH)
' LEFT
' RIGHT)
' BOTTOM)
(WINDOWPROP USER::STEP-WINDOW 'USER::STEP-MENUW USER::MENUW)
(WINDOWPROP USER::MENUW 'USER::STEP-EVENT (CREATE.EVENT 'USER::STEP-MENU))
(INVERTW USER::MENUW USER::*STEP-COMMAND-INVERT-MENU-SHADE*)))))

```

```

(CL:DEFUN USER::STEP-COMMAND-WRAPPER (USER::FORM USER::ENVIRONMENT)
; Edited 1-May-87 11:33 by Matt Heffron

```

```

  (CL:IF *STEP-COMMAND-MENU*
    (CL:UNWIND-PROTECT
      (PROGN (USER::STEP-COMMAND-BEFORE)
        (USER::STEP-COMMAND-ORIGINAL USER::FORM USER::ENVIRONMENT))
      (USER::STEP-COMMAND-AFTER))
    (USER::STEP-COMMAND-ORIGINAL USER::FORM USER::ENVIRONMENT)))

```

```

(CHANGENAME 'CL::STEP-COMMAND 'ASKUSER 'USER::STEP-COMMAND-ASKUSER)

```

```

(MOVD 'CL::STEP-COMMAND 'USER::STEP-COMMAND-ORIGINAL)

```

```

(MOVD 'USER::STEP-COMMAND-WRAPPER 'CL::STEP-COMMAND)

```

```

(PUTPROPS STEP-COMMAND-MENU MAKEFILE-ENVIRONMENT (:READTABLE "XCL" :PACKAGE "INTERLISP"))

```

```

(PUTPROPS STEP-COMMAND-MENU COPYRIGHT ("Beckman Instruments, Inc" 1987))

```

FUNCTION INDEX

USER::STEP-COMMAND-AFTER	1	USER::STEP-COMMAND-BEFORE	1
USER::STEP-COMMAND-ASKUSER	1	USER::STEP-COMMAND-WRAPPER	2
USER::STEP-COMMAND-ASKUSER-MENUSELFN	1		

VARIABLE INDEX

USER::*STEP-COMMAND-INVERT-MENU-SHADE*	1	*STEP-COMMAND-MENU*	1
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PROPERTY INDEX

STEP-COMMAND-MENU	2
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