

File created: 5-Dec-2020 16:38:10 {DSK}<Users>arunwelch>SKYDRIVE>DOCUMENTS>UNIX>LISP>LDE>ROOM
S>MEDLEY-35>BACKGROUND-MENU-BUTTONS.;2

previous date: 17-Aug-90 14:42:07 {DSK}<Users>arunwelch>SKYDRIVE>DOCUMENTS>UNIX>LISP>LDE>ROOMS>MEDLEY-35>BACKGRO
UND-MENU-BUTTONS.;1

Read Table: XCL

Package: XCL-USER

Format: XCCS

; Copyright (c) 1987, 1988, 1990, 2020 by Venue & Xerox Corporation. All rights reserved.

```
(IL:RPAQQ IL:BACKGROUND-MENU-BUTTONSCOMS
  ((IL:FILES (IL:SYSLOAD)
    IL:ROOMS)
  (FILE-ENVIRONMENTS IL:BACKGROUND-MENU-BUTTONS)
  (IL:FUNCTIONS MAKE-BACKGROUND-MENU-BUTTON BACKGROUND-ITEM)
  (IL:P (EVAL-WHEN (LOAD)
    (ROOMS:MAKE-BUTTON-WINDOW (ROOMS:MAKE-BUTTON :TEXT "Make Background Button" :ACTION
      ' (MAKE-BACKGROUND-MENU-BUTTON)
      :HELP "make a button which does the same thing as an
        entry on the background menu")))))

(IL:FILESLOAD (IL:SYSLOAD)
  IL:ROOMS)

(DEFINE-FILE-ENVIRONMENT IL:BACKGROUND-MENU-BUTTONS :PACKAGE "XCL-USER"
  :READTABLE "XCL"
  :COMPILER :COMPILE-FILE)

(DEFUN MAKE-BACKGROUND-MENU-BUTTON ()
  (LET ((ITEM (BACKGROUND-ITEM)))
    (WHEN ITEM
      (ROOMS:MAKE-BUTTON-WINDOW (ROOMS:MAKE-BUTTON :TEXT (PRINC-TO-STRING (FIRST ITEM))
        :HELP
        (THIRD ITEM)
        :ACTION
        `(IL:EVAL ,(SECOND ITEM))))))

(DEFUN BACKGROUND-ITEM ()
  ;; return a menu item from the background menu
  ;; labels of sub-items are coerced to show where they came from
  (DECLARE (GLOBAL IL:|BackgroundMenuCommands|))
  (LET ((ITEM (IL:MENU (IL:CREATE IL:MENU
    IL:ITEMS IL:_ IL:|BackgroundMenuCommands|
    IL:CENTERFLG IL:_ T
    IL:WHENSELECTEDFN IL:_ #'VALUES))))
    (WHEN ITEM
      (LABELS ((ITEM-PATH (ITEMS)
        ;; construct a list of the names of the items in ITEMS on the path to ITEM
        (DOLIST (I ITEMS)
          (WHEN (EQ I ITEM)
            (RETURN (LIST (FIRST I))))
          (LET ((FOUND (ITEM-PATH (CDR (FOURTH I))))
            (WHEN FOUND
              (RETURN (CONS (FIRST I)
                FOUND))))))
        (LET ((PATH (ITEM-PATH IL:|BackgroundMenuCommands|))
          (IF (REST PATH)
            ;; it's a subitem - coerce the label
            (LIST* (LET ((*PRINT-CASE* :UPCASE))
              (FORMAT NIL "~A~{ > ~A~}" (FIRST PATH)
                (REST PATH)))
              (REST ITEM))
            ;; it's a top-level item - just return it
            ITEM))))))

(EVAL-WHEN (LOAD)
  (ROOMS:MAKE-BUTTON-WINDOW (ROOMS:MAKE-BUTTON :TEXT "Make Background Button" :ACTION '(
    MAKE-BACKGROUND-MENU-BUTTON
  )
    :HELP "make a button which does the same thing as an entry on the background
  menu"))
)

(IL:PUTPROPS IL:BACKGROUND-MENU-BUTTONS IL:COPYRIGHT ("Venue & Xerox Corporation" 1987 1988 1990 2020))
```

FUNCTION INDEX

BACKGROUND-ITEM1 MAKE-BACKGROUND-MENU-BUTTON1

FILE-ENVIRONMENT INDEX

IL:BACKGROUND-MENU-BUTTONS1
