

File created: 5-Dec-2020 16:37:39 {DSK}<Users>arunwelch>SKYDRIVE>DOCUMENTS>UNIX>LISP>LDE>ROOM  
S>MEDLEY-35>WALLPAPER.;2

previous date: 17-Aug-90 14:48:22 {DSK}<Users>arunwelch>SKYDRIVE>DOCUMENTS>UNIX>LISP>LDE>ROOMS>MEDLEY-35>WALLPAPER.;1

Read Table: XCL

Package: ROOMS

Format: XCCS

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```
(IL:RPAQQ IL:WALLPAPERCOMS ((FILE-ENVIRONMENTS IL:WALLPAPER)
  (IL:P (EXPORT ' (MAKE-WALLPAPER-WINDOW HACK-BACKGROUND)
    "ROOMS"))
  (IL:FILES (IL:SYSLOAD)
    IL:SCREENPAPER)
  (IL:FUNCTIONS MAKE-WALLPAPER-WINDOW WALLPAPER-WINDOW-BUTTONEVENTFN HACK-BACKGROUND
  )
  (IL:WINDOW-TYPES :WALLPAPER)))
```

```
(DEFINE-FILE-ENVIRONMENT IL:WALLPAPER :COMPILER :COMPILE-FILE
:PACKAGE "ROOMS"
:READTABLE "XCL")
```

```
(EXPORT ' (MAKE-WALLPAPER-WINDOW HACK-BACKGROUND)
"ROOMS")
```

```
(IL:FILESLOAD (IL:SYSLOAD)
IL:SCREENPAPER)
```

```
(DEFUN MAKE-WALLPAPER-WINDOW (&OPTIONAL REGION)
(LET ((WINDOW (IL:CREATEW REGION "Wallpaper" 10)))
(IL:WINDOWPROP WINDOW 'IL:BUTTONEVENTFN 'WALLPAPER-WINDOW-BUTTONEVENTFN)
WINDOW))
```

```
(DEFUN WALLPAPER-WINDOW-BUTTONEVENTFN (WINDOW)
(NOTIFY-USER "Pick regions of the screen with LEFT~%Press MIDDLE when satisfied, RIGHT to abort.")
(LET ((SHADE (IL:SCREENPAPER WINDOW NIL 'IL:PICK)))
(WHEN SHADE (HACK-BACKGROUND SHADE))))
```

```
(DEFUN HACK-BACKGROUND (SHADE &OPTIONAL (ROOM *CURRENT-ROOM*))
```

;;; set the first shade specification of ROOM to be SHADE, or add a :WHOLE-SCREEN specification ROOM has no shades specified.

;; always call this before we hack a room

```
(UPDATE-PLACEMENTS)
(LET ((SPECS (BACKGROUND-EXTERNAL-FORM (ROOM-BACKGROUND ROOM)))
(DOLIST (SPEC SPECS (PUSH (LIST :WHOLE-SCREEN SHADE)
SPECS))
(CASE (FIRST SPEC)
(:WHOLE-SCREEN
(SETF (SECOND SPEC)
SHADE)
(RETURN))
(:REGION
(SETF (GETF SPEC :SHADE)
SHADE)
(RETURN))))
(SETF (ROOM-BACKGROUND ROOM)
(MAKE-BACKGROUND SPECS)))
```

;; always call this after we hack a room

```
(ROOM-CHANGED ROOM :EDITED))
```

```
(DEF-WINDOW-TYPE :WALLPAPER :RECOGNIZER (LAMBDA (WINDOW)
(EQ (IL:WINDOWPROP WINDOW 'IL:BUTTONEVENTFN)
'WALLPAPER-WINDOW-BUTTONEVENTFN))
```

```
:ABTRACTER (LAMBDA (WINDOW)
(LIST :REGION (EXTERNALIZE-REGION (WINDOW-REGION WINDOW))))
:RECONSTITUTER (LAMBDA (ARGS)
(MAKE-WALLPAPER-WINDOW (INTERNALIZE-REGION (GETF ARGS :REGION))))
:TITLE "Wallpaper"
:FILES (IL:WALLPAPER))
```

```
(IL:PUTPROPS IL:WALLPAPER IL:COPYRIGHT ("Venue & Xerox Corporation" 1988 1990 2020))
```

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**FUNCTION INDEX**

HACK-BACKGROUND .....1      MAKE-WALLPAPER-WINDOW .....1      WALLPAPER-WINDOW-BUTTONEVENTFN ...1

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**WINDOW-TYPE INDEX**

:WALLPAPER .....1

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**FILE-ENVIRONMENT INDEX**

IL:WALLPAPER .....1

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