

File created: 22-Nov-88 14:03:08 {EG:PARC:XEROX}<LANNING>LISP>USERS>GRID-ICONS.;14

changes to: (VARS GRID-ICONSCOMS)  
(FNS ICONW.MOVEFN LOADED-FILES-ICON-WINDOW-BUTTONEVENTFN)

previous date: 29-Sep-88 13:43:56 {EG:PARC:XEROX}<LANNING>LISP>USERS>GRID-ICONS.;13

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

;;  
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(RPAQQ **GRID-ICONSCOMS**

{

;;; For laying out icons on a grid

```
(FNS ICONW.MOVEFN \ENSURE.ICON.GRID \TRIM-ICON-FILE-TITLE GRID-WINDOW)
[INITVARS (ENFORCE.ICON.GRID NIL)
  (ENFORCE.ICON.REGIONS NIL)
  (ICON.SPACING '(5 . 5))
  (ICON.SIZE '(85 . 85))
  (GRID.OFFSET '(0 . 0))
(GLOBALVARS ENFORCE.ICON.GRID ICON.SPACING ICON.SIZE GRID.OFFSET)
(DECLARE%: DONTEVAL@LOAD DONTEVAL@COMPILE (ADVISE ICONW TITLEDICONW))
```

;;; Defining some nice Viewpoint-ish icons

```
(DECLARE%: DONTEVAL@LOAD DONTEVAL@COMPILE
  ;; Redefine the Lafite folder icon, making them a bit smaller
  [VARS MSGFOLDERICON MSGFOLDERMASK (MSGFOLDERTEMPLATE (create TITLEDICON ICON _ MSGFOLDERICON MASK
    _ MSGFOLDERMASK TITLEREG _
    (CREATEREGION 5 2 65 35]
```

;; And, for the new improved Lafite:

```
(VARS (LAFITE.FOLDER.ICON MSGFOLDERTEMPLATE)))
[DECLARE%: DONTEVAL@LOAD DONTEVAL@COMPILE
  ;; Redefine the Tedit icon, making it cuter and smaller
  [P (if (GETD 'TEDIT)
    then
      (ADVISE '(TEXTSTREAM.TITLE IN \TEDIT.SHRINK.ICONCREATE)
        'AFTER
        '(SETQ !VALUE (\TRIM-ICON-FILE-TITLE !VALUE)
      (VARS TEDIT.ICON TEDIT.MASK (TEDIT.TITLED.ICON.TEMPLATE (create TITLEDICON ICON _ TEDIT.ICON MASK
        _ TEDIT.MASK TITLEREG _
        (CREATEREGION 5 2 50 30]
```

```
[DECLARE%: DONTEVAL@LOAD DONTEVAL@COMPILE
  ;; Redefine the SEdit icon, making it smaller and cuter
  (VARS SEDITICON SEDITICONMASK)
  (P (SET (if (CL:FIND-PACKAGE "SEdit")
    then
      (CL:INTERN "TITLED-ICON" (CL:FIND-PACKAGE "SEdit"))
    else
      '\\titled.icon)
    (create TITLEDICON ICON _ SEDITICON MASK _ SEDITICONMASK TITLEREG _
    (CREATEREGION 5 5 50 65]
```

[DECLARE%: DONTEVAL@LOAD DONTEVAL@COMPILE

;; Redefine the Sketch icon, making it cuter and smaller

```
[P (if (GETD 'SKETCH)
  then
    (ADVISE '(SKETCH.TITLE IN SK.SHRINK.ICONCREATE)
      'AFTER
      '(SETQ !VALUE (\TRIM-ICON-FILE-TITLE !VALUE)
    (VARS SKETCH.ICON SKETCH.MASK (SKETCH.TITLED.ICON.TEMPLATE (create TITLEDICON ICON _ SKETCH.ICON
      MASK _ SKETCH.MASK TITLEREG _
      (CREATEREGION 5 2 50 30]
```

[DECLARE%: DONTEVAL@LOAD DONTEVAL@COMPILE

;; Make SPY icons appear on the grid

```
(P (if (GETD 'SPY.BUTTON)
  then
    (ADVISE 'SPY.BUTTON 'AFTER '(GRID-WINDOW (OR !VALUE SPY.BUTTON]
```

[COMS ;; Define a nice icon for accessing the list of loaded files

```
(FNS LOADED-FILES-ICON-WINDOW-BUTTONEVENTFN)
(DECLARE%: DONTEVAL@LOAD DONTEVAL@COMPILE
  (VARS LOADED-FILES-ICON LOADED-FILES-ICON-MASK
```



```

                ICON.WIDTH)
                2)
                GRID.X.OFFSET)
YCOORD _ (PLUS (TIMES GRID.Y.SIZE ICON.GRID.Y)
                (QUOTIENT (CDR ICON.SPACING)
                2)
                (QUOTIENT (DIFFERENCE (CDR ICON.SIZE)
                ICON.HEIGHT)
                2)
                GRID.Y.OFFSET))

```

else POS])

(\ENSURE.ICON.GRID

(\* smL "17-Apr-87 15:43")

```

[LAMBDA (W)
  (LET ((OPENP (OPENP (OPENWP W)))
        [MOVEW W (ICONW.MOVEFN W (create POSITION
        XCOORD _ (fetch LEFT of (WINDOWPROP W 'REGION))
        YCOORD _ (fetch BOTTOM of (WINDOWPROP W 'REGION]
    (if (NOT OPENP)
        then (CLOSEW W])

```

(\TRIM-ICON-FILE-TITLE

; Edited 12-Jan-88 11:41 by smL

```

[LAMBDA (TITLE)
  (if (AND TITLE (OR (STRINGP TITLE)
                    (LITATOM TITLE)))
    then (PACKFILENAME.STRING 'NAME (FILENAMEFIELD TITLE 'NAME)
        'EXTENSION
        (FILENAMEFIELD TITLE 'EXTENSION))
    else TITLE])

```

(GRID-WINDOW

; Edited 14-Sep-87 10:14 by smL

```

[LAMBDA (W)
  (COND
    ((WINDOWP W)
     (WINDOWADDPROP W 'MOVEFN 'ICONW.MOVEFN)
     (\ENSURE.ICON.GRID W])

```

```

)
(RPAQ? ENFORCE.ICON.GRID NIL)
(RPAQ? ENFORCE.ICON.REGIONS NIL)
(RPAQ? ICON.SPACING '(5 . 5))
(RPAQ? ICON.SIZE '(85 . 85))
(RPAQ? GRID.OFFSET '(0 . 0))
(DECLARE%: DOEVAL@COMPILE DONTCOPY
(GLOBALVARS ENFORCE.ICON.GRID ICON.SPACING ICON.SIZE GRID.OFFSET)
)
(DECLARE%: DONTEVAL@LOAD DONTEVAL@COMPILE
[XCL:REINSTALL-ADVICE 'ICONW :AFTER '(:LAST (GRID-WINDOW !VALUE]
[XCL:REINSTALL-ADVICE 'TILEDICONW :AFTER '(:LAST (GRID-WINDOW !VALUE]
(READWISE ICONW TILEDICONW)
)

```

::: Defining some nice Viewpoint-ish icons

(DECLARE%: DONTEVAL@LOAD DONTEVAL@COMPILE

(RPAQQ MSGFOLDERICON



(RPAQQ MSGFOLDERMASK



{MEDLEY}<lispusers>GRID-ICONS.;1

(RPAQ MSGFOLDERTEMPLATE (create TITLEDICON ICON \_ MSGFOLDERICON MASK \_ MSGFOLDERMASK TITLEREG \_ (CREATEREGION 5 2 65 35)))

(RPAQ LAFITE.FOLDER.ICON MSGFOLDERTEMPLATE)  
)

(DECLARE%: DONTEVAL@LOAD DONTEVAL@COMPILE

[if (GETD 'TEDIT)  
 then (ADVISE '(TEXTSTREAM.TITLE IN \TEDIT.SHRINK.ICONCREATE)  
 'AFTER  
 '(SETQ !VALUE (\TRIM-ICON-FILE-TITLE !VALUE])

(RPAQ TEDIT.ICON



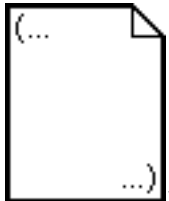
(RPAQ TEDIT.MASK



(RPAQ TEDIT.TITLED.ICON.TEMPLATE (create TITLEDICON ICON \_ TEDIT.ICON MASK \_ TEDIT.MASK TITLEREG \_ (CREATEREGION 5 2 50 30)))  
)

(DECLARE%: DONTEVAL@LOAD DONTEVAL@COMPILE

(RPAQ SEDITICON



(RPAQ SEDITICONMASK



(SET (if (CL:FIND-PACKAGE "SEDI")  
 then (CL:INTERN "TITLED-ICON" (CL:FIND-PACKAGE "SEDI"))  
 else '\\titled.icon)  
(create TITLEDICON  
 ICON \_ SEDITICON  
 MASK \_ SEDITICONMASK  
 TITLEREG \_ (CREATEREGION 5 5 50 65)))  
)

(DECLARE%: DONTEVAL@LOAD DONTEVAL@COMPILE

[if (GETD 'SKETCH)  
 then (ADVISE '(SKETCH.TITLE IN SK.SHRINK.ICONCREATE)  
 'AFTER  
 '(SETQ !VALUE (\TRIM-ICON-FILE-TITLE !VALUE])

(RPAQ SKETCH.ICON



(RPAQQ SKETCH.MASK



(RPAQ SKETCH.TITLED.ICON.TEMPLATE (create TITLEDICON ICON \_ SKETCH.ICON MASK \_ SKETCH.MASK TITLEREG \_  
(CREATEREGION 5 2 50 30)))  
)

(DECLARE%: DONTEVAL@LOAD DONTEVAL@COMPILE

[if (GETD 'SPY.BUTTON)  
then (ADVISE 'SPY.BUTTON 'AFTER '(GRID-WINDOW (OR !VALUE SPY.BUTTON])  
)

:: Define a nice icon for accessing the list of loaded files

(DEFINEQ

(LOADED-FILES-ICON-WINDOW-BUTTONEVENTFN

; Edited 22-Nov-88 13:57 by sml

```
(CL:LAMBDA (W)
  (DECLARE (GLOBAL FILELST))
  (LET ((NEW-FILE-ITEM "* New file *")
        (NOTICE-FILE-ITEM "* Sysloaded file *"))
    (CL:LABELS [(LOADED-FILES NIL "Return a sorted list of names of known loaded files"
                          (SORT (COPY FILELST)))
                (HIDDEN-FILES NIL "Return a sorted list of names of hidden loaded files"
                          (DECLARE (GLOBALVARS LOADEDFILELST))
                          (SORT (LDIFFERENCE (for FILE in LOADEDFILELST bind ROOT-NAME
                                                eachtime (SETQ ROOT-NAME (FILENAMEFIELD FILE 'NAME))
                                                until (EQ ROOT-NAME 'INIT)
                                                when (GET ROOT-NAME 'FILEDATES) collect ROOT-NAME)
                                      FILELST)))]
      [EDIT-FILECOMS (FILE-NAME)
        "Edit the filecoms of a file"
        (ED FILE-NAME ' (FILES :DONTWAIT :DISPLAY)
      [NOTICE-AND-EDIT-FILE (ITEM MENU BUTTON)
        "Notice a file and then edit its filecoms"
        (LET [(FILE (FILENAMEFIELD ITEM 'NAME)]
              (COND
                ((NULL FILE)
                 NIL)
                ([NULL (NLSETQ (LOAD FILE 'PROP]
                              (PROMPTPRINT "Error attempting to Notice the file " FILE))
                 (T (EDIT-FILECOMS FILE)
      [PRINT-FILE-MENU-HELP (ITEM MENU BUTTON)
        (COND
          ((NULL ITEM)
           NIL)
          ((EQ ITEM NEW-FILE-ITEM)
           (PROMPTPRINT "Add a new file and edit its filecoms"))
          ((EQ ITEM NOTICE-FILE-ITEM)
           (PROMPTPRINT "Prompt for a sysloaded file, Notice its contents, and then
            edit its filecoms"))
          (T (PROMPTPRINT "Edit the filecoms of file " ITEM)
      [MENU-ITEM-SELECTED
        (ITEM MENU BUTTON)
        (COND
          ((NULL ITEM)
           NIL)
          ((EQ ITEM NEW-FILE-ITEM)
           (LET [(FILE-NAME (PROGN (CLEARW PROMPTWINDOW)
                                   (PROMPTFORWORD "Name of new file (CR to abort): " NIL NIL
                                   PROMPTWINDOW NIL T (LIST (CHARCODE EOL)
            (if FILE-NAME
              then (SETQ FILE-NAME (U-CASE (MKATOM FILE-NAME)))
                [SET (FILECOMS FILE-NAME)
                  `((,COMMENTFLG ;;; , (CONCAT "New file"))
                  (DECLARE%: DONTCOPY (PROPS (,FILE-NAME MAKEFILE-ENVIRONMENT
                                                )
                                                (,FILE-NAME FILETYPE)
                (PUTPROP FILE-NAME 'MAKEFILE-ENVIRONMENT (CL:COPY-TREE
                  *DEFAULT-MAKEFILE-ENVIRONMENT*
                )
                (PUTPROP FILE-NAME 'FILETYPE (SELECTQ *DEFAULT-CLEANUP-COMPILER*
                  (TCOMPL :TCOMPL)
                  (BCOMPL :BCOMPL)
                  :COMPILE-FILE)
                (ADDFILE FILE-NAME)
                (EDIT-FILECOMS FILE-NAME)
```



(RPAQQ **DEFAULTICONFN** TEXTICON)  
)

;;

;; Filemanager stuff

(DECLARE%: DONTCOPY

(PUTPROPS **GRID-ICONS MAKEFILE-ENVIRONMENT** (:PACKAGE "IL" :READTABLE "INTERLISP"))  
)

(DECLARE%: DONTEVAL@LOAD DOEVAL@COMPILE DONTCOPY COMPILERVERS

(ADDTOVAR **NLAMA** )

(ADDTOVAR **NLAML** )

(ADDTOVAR **LAMA** LOADED-FILES-ICON-WINDOW-BUTTONEVENTFN)  
)

(PUTPROPS **GRID-ICONS COPYRIGHT** ("Xerox Corporation" 1987 1988))

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