

File created: 25-Feb-2024 13:56:23 {DSK}<home>frank<il>medley>gmedley>greetfiles>APPS-INIT.;17

changes to: (VARS APPS-INITCOMS)
(FNS Apps.DoInit Apps.AroundExitFn)

previous date: 25-Feb-2024 13:14:02 {DSK}<home>frank<il>medley>gmedley>greetfiles>APPS-INIT.;16

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

(RPAQQ **APPS-INITCOMS**

```
([ (FILES (SYSLOAD)
    MEDLEYDIR-INIT)
  (GLOBALVARS Apps.NotecardsActivated Apps.RoomsActivated)
  (INITVARS (Apps.NotecardsActivated NIL)
    (Apps.RoomsActivated NIL))
  (FNS Apps.InitNotecards Apps.SetupNOTECARDSDIRECTORIES Apps.DoInit Apps.CreateButtons Apps.CreateLabel
    Apps.ActivateCLOS Apps.ActivateRooms Apps.ShowDoc XCL-USER::EXEC_INTERLISP Apps.AroundExitFn)
  (DECLARE%: DONTEVAL@LOAD DOCOPY (P (Apps.DoInit)))
  (DECLARE%: FIRST DONTEVAL@LOAD DOCOPY (P (BKSYSEBUF " ")))
```

```
(FILESLOAD (SYSLOAD)
  MEDLEYDIR-INIT)
```

```
(DECLARE%: DOEVAL@COMPILE DONTCOPY
```

```
(GLOBALVARS Apps.NotecardsActivated Apps.RoomsActivated)
)
```

```
(RPAQ? Apps.NotecardsActivated NIL)
```

```
(RPAQ? Apps.RoomsActivated NIL)
```

```
(DEFINEQ
```

(Apps.InitNotecards

```
[LAMBDA (DoNotRefreshButtons)
  (DECLARE (GLOBALVARS BackgroundMenuCommands BackgroundMenu))
; Edited 19-Jan-2023 11:57 by FGH
; Edited 7-Dec-2022 11:14 by FGH
; Edited 12-Nov-2022 14:41 by FGH
; Edited 11-Sep-2022 01:09 by fgh
; Edited 7-Feb-2022 20:22 by tp7
```

```
(LET* [[SRCDIR (OR (UNIX-GETENV 'NOTEFILESRC)
  (AND (UNIX-GETENV 'NC_INSTALLDIR)
    (CONCAT (UNIX-GETENV 'NC_INSTALLDIR)
      "/notefiles")))
  (LET ((SUBDIR "notecards/notefiles"))
    (for DIR in (LIST (CONCAT (MEDLEYDIR)
      SUBDIR)
      (CONCAT (MEDLEYDIR)
        "../" SUBDIR)
      (CONCAT (MEDLEYDIR)
        "../../" SUBDIR))
      thereis (DIRECTORYNAME DIR]
```

```
(DESTDIR (OR (UNIX-GETENV 'NOTEFILESDIR)
  (AND (UNIX-GETENV 'MEDLEY_USERDIR)
    (CONCAT (UNIX-GETENV 'MEDLEY_USERDIR)
      "/notefiles")))
  (CONCAT LOGINDIR "notefiles"]
```

```
[if (AND (NOT (DIRECTORYNAME DESTDIR))
  (DIRECTORYNAME SRCDIR))
  then (for NF in (DIRECTORY (CONCAT SRCDIR "/*")) do (COPYFILE NF (PACKFILENAME 'HOST "DSK"
    'DIRECTORY DESTDIR
    'NAME
    (FILENAMEFIELD NF
      'NAME)
    'EXTENSION
    (FILENAMEFIELD NF
      'EXTENSION)
    'VERSION
    (FILENAMEFIELD NF
      'VERSION])
```

```
(LET* ((PW-REGION (WINDOWPROP PROMPTWINDOW 'REGION))
  (LEFT (IPLUS (fetch (REGION RIGHT) of PW-REGION)
    20))
  (BOTTOM (fetch (REGION BOTTOM) of PW-REGION)))
```

```
(NC.BringUpNoteCardsIcon (create POSITION
  XCOORD _ LEFT
  YCOORD _ BOTTOM)))
```

```
(NC.FileBrowserMenu NC.NoteCardsIconWindow (PACKFILENAME 'HOST "DSK" 'DIRECTORY DESTDIR 'NAME "*"
  'EXTENSION "notefile")
```

```
(CREATEREGION 50 (IDIFFERENCE SCREENHEIGHT 700)
  550 220))
```

```
(if (NULL (SASSOC 'NoteCards BackgroundMenuCommands))
```

```

then (PROGN [SETQ BackgroundMenuCommands (APPEND BackgroundMenuCommands
                                                    (LIST ' (NoteCards (NC.BringUpNoteCardsIcon)
                                                    "Bring up the NoteCards control
                                                    icon."])
                                                    (SETQ BackgroundMenu NIL)))
      (SETQ Apps.NotecardsActivated T)
      (if (NOT DoNotRefreshButtons)
          then (Apps.CreateButtons))

```

(Apps.SetupNOTECARDSDIRECTORIES

[LAMBDA NIL

;; Find the location of the Notecards directory and call NC.SetupNOTECARDSDIRECTORIES.
;; This is needed to make sure that lazy loading of Notecard types works.

```

(LET* [(LOC1 (CONCAT MEDLEYDIR "notecards>"))
      (LOC2 (CONCAT MEDLEYDIR "..>notecards>"))
      (LOC3 (CONCAT MEDLEYDIR "...>..>notecards>"))
      (NCDIR (for LOC in (LIST LOC1 LOC2 LOC3) thereis (OR (INFILEP (CONCAT LOC "system>NOTECARDS"))
                                                            (INFILEP (CONCAT LOC "system>NOTECARDS.LCOM"))
                                                            1)))
      (if NCDIR
          then [SETQ NCDIR (OR (INFILEP (CONCAT NCDIR "system>NOTECARDS"))
                              (INFILEP (CONCAT NCDIR "system>NOTECARDS.LCOM"))
                              (SETQ NCDIR (SUBSTRING NCDIR 1 (IDIFFERENCE (STRPOS "system>NOTECARDS" NCDIR)
                                                                           1)))
                              (NC.SetupNOTECARDSDIRECTORIES NCDIR)
                              T)
          else (PRIN1 "Warning: Notecards directory could not be found." T)
              (PRIN1 "Hence, NOTECARDSDIRECTORIES is probably not set correctly" T)
              (PRIN1 "and Notecards will not work properly." T)
              NIL)]

```

(Apps.Dolnit

[LAMBDA NIL

;; Edited 19-Jan-2023 12:43 by FGH
;; Edited 17-Jan-2023 23:23 by FGH
;; Edited 7-Dec-2022 11:14 by FGH
;; Edited 12-Nov-2022 13:57 by FGH
;; Edited 12-Oct-2022 20:23 by fgh
;; Edited 6-Sep-2022 17:22 by fgh
;; Edited 4-Sep-2022 16:44 by larry
;; Edited 18-Mar-2022 18:53 by fgh
;; Edited 17-Dec-2021 22:05 by fgh

(PROGN ;; Adjust windows so that the exec window and the prompt window don't overlap

```

[MAPC (OPENWINDOWS)
      (FUNCTION (LAMBDA (W)
                (COND
                 ((EQ (WINDOWPROP W 'BUTTONEVENTFN)
                      'WHEN-WHO-LINE-SELECTED-FN)
                  (MOVEW W (CAR (WINDOWPROP W 'REGION))
                          (IDIFFERENCE SCREENHEIGHT 18)))
                 ((STREQUAL (WINDOWPROP W 'TITLE)
                             "Prompt Window")
                  (PROGN (MOVEW W (create POSITION
                                         XCOORD _ 50
                                         YCOORD _ (IDIFFERENCE SCREENHEIGHT 120)))
                          (CLEARW W))
                  ((STREQUAL (WINDOWPROP W 'TITLE)
                              "Exec (XCL)")
                   (PROGN (WINDOWPROP W 'TITLE "Exec (INTERLISP)")
                           (MOVEW W (create POSITION
                                         XCOORD _ 50
                                         YCOORD _ (IDIFFERENCE SCREENHEIGHT 460))

```

;; Set up INITIALSLST based on information passed in from the Linux environment

```

[SETQ INITIALSLST (LIST (LIST USERNAME (UNIX-GETENV 'MEDLEY_FIRSTNAME)
                               (UNIX-GETENV 'MEDLEY_INITIALS])
                       (LOAD ' {DSK}/usr/local/interlisp/medley/lispusers/HELPSYS.LCOM T)

```

;; change to interlisp exec if required

```

(COND
 ((OR (STRING-EQUAL (UNIX-GETENV 'MEDLEY_EXEC)
                    "inter")
      (STRING-EQUAL (UNIX-GETENV 'NCO)
                    "true"))
  (BKSYSEBUF "(EXEC_INTERLISP)"))

```

;; Always Activate CLOS

(Apps.ActivateCLOS)

```

;; activate Notecards if requested
(COND
  ((STRING-EQUAL (UNIX-GETENV 'RUN_NOTECARDS)
    "true")
    (Apps.InitNotecards T)))
;; activate Rooms if requested
(COND
  ((STRING-EQUAL (UNIX-GETENV 'RUN_ROOMS)
    "true")
    (Apps.ActivateRooms T)))
;; create the Documentation and ROOMS, Notecards Activation Buttons, if needed
(Apps.CreateButtons T)
;; Make sure Notecards doesn't try to load its HASH file in NC.PostGreet
(SETTOPVAL '\NC.SourceAccessFlg NIL)
;; Setup NOTECARDSDIRECTORIES.
(Apps.SetUpNOTECARDSDIRECTORIES)
;; Add AROUNDEXITFN to ensure NOTECARDSDIRECTORIES get reset after LOGOUT, etc.
(SETQ AROUNDEXITFNS (LSUBST '(MEDLEY-INIT-VARS Apps.AroundExitFn)
  'MEDLEY-INIT-VARS AROUNDEXITFNS])

```

(Apps.CreateButtons

[LAMBDA (DoDocsToo)

```

; Edited 13-Dec-2022 12:51 by frank
; Edited 7-Dec-2022 11:28 by FGH
; Edited 5-Dec-2022 17:31 by FGH
; Edited 12-Nov-2022 14:52 by FGH

```

```

;; Create buttons for Documentation and to activate Rooms, Notecards
;; Note: due to bug in DELETE-BUTTON need to create Doc buttons last. This will make sure that the NoteCards/Rooms buttons get proper
;; deleted when they are activated. But the Doc buttons will not necessary get deleted properly (but then there is never a need for them to be
;; deleted).

```

```

(LET* ((FEATURES (LIST (LIST Apps.NotecardsActivated ' (Apps.InitNotecards)
  "NOTECARDS")
  (LIST Apps.RoomsActivated ' (Apps.ActivateRooms)
  "ROOMS"))))
  (FEATURES-LABELS (for FEATURE in FEATURES collect (CADDR FEATURE)))
  (DOCS (LIST (LIST "https://interlisp.org/docs/medley/orientation/" "BASICS")
    (LIST "https://interlisp.org/documentation/Medley-Primer.pdf" "PRIMER")
    (LIST "https://interlisp.org/documentation/IRM.pdf" "MANUAL")
    (LIST "https://interlisp.org/documentation/notecards_user_guide_v1.2.pdf" "NOTECARDS")
    (LIST "https://interlisp.org/documentation/ROOMSTECHDESC.pdf" "ROOMS")))
  (DOCS-LABELS (for DOC in DOCS collect (CADR DOC)))
  (RIGHTMARGINISH 140)
  (SECTION1YPOS 225)
  (YPOSDELTA 55)
  (SECTION2YPOS (IPLUS SECTION1YPOS (ITIMES (IPLUS (LENGTH DOCS)
    1)
    YPOSDELTA)))
  (BUTTONY-FEATURES SECTION2YPOS)
  (BUTTONY-DOCS SECTION1YPOS)
  (FEATURES-REQUIREDP (OR (NOT Apps.RoomsActivated)
    (NOT Apps.NotecardsActivated)))
  (IWS NIL)
  (BUTTONS NIL))
  ;; First remove/re-create feature buttons
  (for W in (OPENWINDOWS) when (MEMBER (WINDOWPROP W 'ICONLABEL)
    (LIST "ACTIVATE" "FEATURES")))
    do (CLOSEW W))
  (for B in *ALL-BUTTONS* when (AND (EQ (WINDOWPROP B 'Apps.BUTTON)
    'FEATURE)
    (MEMBER (BUTTON-LABEL B)
    FEATURES-LABELS)))
    do (DELETE-BUTTON B))
  [if FEATURES-REQUIREDP
    then [SETQ IWS (LIST (Apps.CreateLabel "ACTIVATE" (IDIFFERENCE SCREENWIDTH (IDIFFERENCE
      RIGHTMARGINISH 50)
      )
      (IDIFFERENCE SCREENHEIGHT (IDIFFERENCE SECTION2YPOS 20)))
      (Apps.CreateLabel "FEATURES" (IDIFFERENCE SCREENWIDTH (IDIFFERENCE
      RIGHTMARGINISH 50)
      )
      (IDIFFERENCE SCREENHEIGHT SECTION2YPOS])
      (SETQ BUTTONS (for FEATURE in FEATURES
        collect (OR (CAR FEATURE)
          (LET (B)
            (SETQ BUTTONY-FEATURES (IPLUS BUTTONY-FEATURES YPOSDELTA))
            [SETQ B (CREATE-BUTTON (CADR FEATURE)
              (CADDR FEATURE)
              (create POSITION
                XCOORD _ (IDIFFERENCE SCREENWIDTH

```


(SETQ BackgroundMenu NIL)

(Apps.ActivateRooms

```
[LAMBDA (DoNotRefreshButtons)
  (DECLARE (GLOBALVARS BackgroundMenuCommands ROOMS:*SUITE-DIRECTORIES*))
  ; Edited 7-Dec-2022 11:13 by FGH
  ; Edited 12-Nov-2022 14:56 by FGH

  (if (NULL (SASSOC "Rooms" BackgroundMenuCommands))
    then (ROOMS:RESET))
  (SETQ ROOMS:*SUITE-DIRECTORIES* (CONS (CONCAT (UNIX-GETENV 'MEDLE_USERDIR)
                                                "/suites")
                                         ROOMS:*SUITE-DIRECTORIES*))

  (SETQ Apps.RoomsActivated T)
  (PROMPTPRINT "
    ROOMS functionality is now available via the Background Menu")
  (if (NOT DoNotRefreshButtons)
    then (Apps.CreateButtons]))
```

(Apps.ShowDoc

```
[LAMBDA (URL)
  (ShellBrowse URL)]
; Edited 18-Jan-2023 20:26 by FGH
```

(XCL-USER::EXEC_INTERLISP

```
[LAMBDA NIL
  (PROGN [MAPC (OPENWINDOWS)
             (FUNCTION (LAMBDA (W)
                       (COND
                        ((STREQUAL (WINDOWPROP W 'TITLE)
                                   "Exec (XCL)")
                         (PROGN (WINDOWPROP W 'TITLE "Exec (INTERLISP)")
                                (MOVEW W (create POSITION
                                             XCOORD _ 50
                                             YCOORD _ (IDIFFERENCE SCREENHEIGHT 460))
                                (XCL:SET-DEFAULT-EXEC-TYPE 'INTERLISP)
                                (XCL:SET-EXEC-TYPE 'INTERLISP]))
                        (T)
                         (XCL:SET-DEFAULT-EXEC-TYPE 'INTERLISP)
                         (XCL:SET-EXEC-TYPE 'INTERLISP)))))
        (XCL:SET-DEFAULT-EXEC-TYPE 'INTERLISP)
        (XCL:SET-EXEC-TYPE 'INTERLISP))]
; Edited 18-Mar-2022 18:53 by fgh
```

(Apps.AroundExitFn

```
[LAMBDA (EVENT)
  (if (MEMB EVENT '(AFTERLOGOUT AFTERSYSOUT AFTERSAVEVM))
    then (Apps.SetUpNOTECARDSDIRECTORIES))]
)

(DECLARE%: DONTEVAL@LOAD DOCOPY

(Apps.Dolnit)
)

(DECLARE%: FIRST DONTEVAL@LOAD DOCOPY

(BKSYSBUF " ")
)
```

FUNCTION INDEX

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