

File created: 26-Aug-2024 22:11:48 {DSK}<home>matt>Interlisp>medley>sources>MEDLEYDIR.;4

edit by: mth

changes to: (VARS MEDLEYDIRCOMS MEDLEY-INIT-VARS)  
(FNS SET-SYSOUT-COMMIT)

previous date: 8-Jul-2024 22:49:43 {DSK}<home>matt>Interlisp>medley>sources>MEDLEYDIR.;3

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

(RPAQQ **MEDLEYDIRCOMS**

```
[;; set up initialization for file paths relative to where Medley is installed. This assumes that the environment variable MEDLEYDIR is set
;; (usually by the ./run-medley script) to the (unix path) and all of the other directories variables are set relative to that (by
;; MEDLEY-INIT-VARS)
```

```
(FNS MEDLEY-INIT-VARS MEDLEYDIR MEDLEYSUBSTDIR SET-SYSOUT-COMMIT)
```

```
[INITVARS (MEDLEYDIR)
```

```
(\SAVE.MEDLEYDIR)
```

```
(SYSOUTCOMMIT (OR (AND (BOUNDP 'SYSOUTCOMMIT)
```

```
SYSOUTCOMMIT)
```

```
(LIST (LIST 'MEDLEY NIL]
```

```
(ADDVARS (AROUNDEXITFNS MEDLEY-INIT-VARS))
```

```
;; **WARNING** The EVALed expressions get run early in the lodup.
```

```
(VARS MEDLEY-INIT-VARS)
```

```
(DECLARE%: EVAL@COMPILE DOCOPY (ADDVARS (GLOBALVARS MEDLEYDIR MEDLEY-INIT-VARS \SAVE.MEDLEYDIR
DIRECTORIES SYSOUTCOMMIT]))
```

```
;; set up initialization for file paths relative to where Medley is installed. This assumes that the environment variable MEDLEYDIR is set (usually by the
;; ./run-medley script) to the (unix path) and all of the other directories variables are set relative to that (by MEDLEY-INIT-VARS)
```

(DEFINEQ

(**MEDLEY-INIT-VARS**

[LAMBDA (EVENT)

; Edited 22-Nov-2022 20:38 by FGH

; Edited 21-Nov-2022 17:31 by FGH

; Edited 21-Nov-2022 15:39 by frank

; Edited 21-Nov-2022 14:33 by FGH

; Edited 25-Oct-2022 12:18 by Imm

; Edited 18-Oct-2022 18:08 by Imm

```
;; Called on events including before & after loadup
```

```
(SELECTQ EVENT
```

```
((BEFOREMAKESYS T) ;; Clear old values
```

```
(FOR X IN MEDLEY-INIT-VARS DO (IF (CDDR X)
THEN (SETTOPVAL (CAR X)
NIL)))
```

```
(SETQ \SAVE.MEDLEYDIR NIL))
```

```
((BEFORESYSOUT BEFORELOGOUT BEFORESAVEVM) ;; save old values
```

```
[SETQ \SAVE.MEDLEYDIR (CONS MEDLEYDIR (FOR X IN MEDLEY-INIT-VARS
COLLECT (CONS (CAR X)
(GETTOPVAL (CAR X))
```

```
((AFTERSYSOUT AFTERLOGOUT AFTERSAVEVM RESTART INIT NIL) ;; Any old values, restore them, substituting the new
;; MEDLEYDIR
```

```
(PROG (OLDMD NEWMD SAME TMP)
```

```
(IF (EQ \SAVE.MEDLEYDIR T)
THEN (RETURN) ; Already restored
```

```
(IF \SAVE.MEDLEYDIR
THEN (SETQ OLDMD (U-CASE (CAR \SAVE.MEDLEYDIR))
```

```
(SETQ MEDLEYDIR)
```

```
(SETQ NEWMD (MEDLEYDIR))
```

```
(SETQ SAME (STRING-EQUAL OLDMD NEWMD)))
```

```
[for X in MEDLEY-INIT-VARS
```

```
do (/SETTOPVAL (CAR X)
```

```
(IF [OR (EQ (CADDR X)
```

```
'RESET)
```

```
(NOT (SETQ TMP (ASSOC (CAR X)
```

```
(CDR \SAVE.MEDLEYDIR]
```

```
THEN ;; either RESET or no saved value
```

```
(EVAL (CADR X))
```

```
ELSEIF SAME
```

```
THEN (CDR TMP)
```

```
ELSE (MEDLEYSUBSTDIR OLDMD NEWMD (CDR TMP]
```

```
(SETQ \SAVE.MEDLEYDIR T) ; only use once
```

```
))
```

```
((GREET)
```



(ADDTOVAR **AROUNDEXITFNS** MEDLEY-INIT-VARS)

:: **\*\*WARNING\*\*** The EVALed expressions get run early in the lodup.

(RPAQQ **MEDLEY-INIT-VARS**

```

((ShellBrowser)
 (ShellOpener)
 [LISPUSERSDIRECTORIES (MEDLEYDIR '("library" "lispusers" "internal" "greetfiles" "doctools")]
 [LISPSOURCEDIRECTORIES (MEDLEYDIR '("sources")]
 (LISPSOURCEDIRECTORY (CAR LISPSOURCEDIRECTORIES))
 (IRM.HOST&DIR (MEDLEYDIR ' "docs/dinfo"))
 (IRM.DINFOGRAPH)
 (DIRECTORIES (APPEND LISPUSERSDIRECTORIES LISPSOURCEDIRECTORIES))
 [LOGINHOST/DIR (DIRECTORYNAME (OR (UNIX-GETENV "LOGINDIR")
 (UNIX-GETENV "HOME"))
 [USERGREETFILES (LIST (CONS LOGINHOST/DIR '("INIT" COM))
 (CONS LOGINHOST/DIR '("INIT"))
 (DISPLAYFONTDIRECTORIES (MEDLEYDIR '("fonts/displayfonts" "fonts/altofonts" "fonts/adobe" "fonts/big"
 "fonts/other")
 NIL NIL T))
 (POSTSCRIPTFONTDIRECTORIES (MEDLEYDIR '("fonts/postscriptfonts")
 NIL NIL T))
 (INTERPRESSFONTDIRECTORIES (MEDLEYDIR '("fonts/ipfonts")
 NIL NIL T))
 (UNICODEDIRECTORIES (MEDLEYDIR '("unicode/xerox")
 NIL NIL T))
 (LOGINHOST/DIR (DIRECTORYNAME (OR (UNIX-GETENV "LOGINDIR")
 (UNIX-GETENV "HOME"))))
 RESET)
 (USERGREETFILES [LIST (CONS LOGINHOST/DIR '("INIT" COM))
 (CONS LOGINHOST/DIR '("INIT"))
 RESET)
 (XCL::*WHERE-IS-CASH-FILES* (MEDLEYDIR '("loadups")
 "whereis.hash" NIL T))
 (LOADUPSDIRECTORIES (MEDLEYDIR '("loadups")
 NIL NIL T)))

```

(DECLARE%: EVAL@COMPILE DOCOPY

(ADDTOVAR **GLOBALVARS** MEDLEYDIR MEDLEY-INIT-VARS \SAVE.MEDLEYDIR DIRECTORIES SYSOUTCOMMITTS)
)

---

**FUNCTION INDEX**

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**VARIABLE INDEX**

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