

File created: 31-Jan-87 18:09:00 {ERIS}<LISPUSERS>LYRIC>BACKGROUNDMENU.;1

previous date: 31-Jan-86 11:36:13 {ERIS}<LISP>KOTO>LISPUSERS>BACKGROUNDMENU.;1

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

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```
(RPAQQ BACKGROUNDMEUCOMS ((INITVARS BackgroundMenuFixupMode BackgroundMenuSuperItem
                             BackgroundMenuTopLevelItems)
 (FNS BkgMenu.add.item BkgMenu.fixup BkgMenu.move.item BkgMenu.remove.item
      BkgMenu.rename.item BkgMenu.reorder.items BkgMenu.subitems \BkgMenu.locate
      \BkgMenu.locater \BkgMenu.remove.item \BkgMenu.scan.item.list
      \BkgMenu.unremove.item)))
```

(RPAQ? **BackgroundMenuFixupMode** NIL)

(RPAQ? **BackgroundMenuSuperItem** NIL)

(RPAQ? **BackgroundMenuTopLevelItems** NIL)

(DEFINEQ

**(BkgMenu.add.item**

```
[LAMBDA (item superitem atend) (* mdd "31-Jan-86 11:32")
  (if (NULL superitem)
    then (if atend
           then (NCONC1 BackgroundMenuCommands item)
           else (SETQ BackgroundMenuCommands (CONS item BackgroundMenuCommands)))
    (SETQ BackgroundMenu NIL)
    T
    elseif (SETQ superitem (CDDAR (\BkgMenu.locate superitem)))
    then [if (NULL (CDR superitem))
          then (RPLACD superitem (LIST (LIST 'SUBITEMS item)))
          else (if atend
                 then (NCONC1 (CADR superitem)
                               item)
                 else (RPLACD (CADR superitem)
                              (CONS item (CDADR superitem)
                                   (SETQ BackgroundMenu NIL)
                                   T))])])])
```

**(BkgMenu.fixup**

```
[LAMBDA NIL (* mdd "23-Sep-85 19:09")
  (bind stack (stacking _ (NEQ BackgroundMenuFixupMode 'bottom))
        (result _ T) for x in (BkgMenu.subitems)
  do [if (for i in BackgroundMenuTopLevelItems thereis (EQUAL (MKSTRING i)
                                                                (MKSTRING x)))
        then (if (AND stacking (NEQ BackgroundMenuFixupMode 'top))
                 then (for i in stack do (OR (BkgMenu.move.item i BackgroundMenuSuperItem)
                                             (SETQ result NIL)))
                 (SETQ stacking NIL))
        else (if stacking
              then (SETQ stack (CONS x stack))
              else (OR (BkgMenu.move.item x BackgroundMenuSuperItem T)
                       (SETQ stacking NIL))
              finally [if stacking
                      then (for i in stack do (OR (BkgMenu.move.item i BackgroundMenuSuperItem)
                                                  (SETQ result NIL))
                      (RETURN result])])])])
```

**(BkgMenu.move.item**

```
[LAMBDA (item superitem atend) (* mdd "31-Jan-86 11:32")
  (if (SETQ item (\BkgMenu.locate item))
    then (\BkgMenu.remove.item item)
    (if (BkgMenu.add.item (CAR item)
                          superitem atend)
      then T
      else (\BkgMenu.unremove.item item)
      NIL])])
```

**(BkgMenu.remove.item**

```
[LAMBDA (item) (* mdd "23-Sep-85 17:13")
  (if (SETQ item (\BkgMenu.locate item))
    then (\BkgMenu.remove.item item)
    (SETQ BackgroundMenu NIL)
    T])
```

```
(BkgMenu.rename.item
 [LAMBDA (item new.name)
 (if (SETQ item (\BkgMenu.locate item))
 then (RPLACA (CAR item)
 new.name)
 (SETQ BackgroundMenu NIL)
 T])
 (* mdd "23-Sep-85 16:58")
```

```
(BkgMenu.reorder.items
 [LAMBDA (itemlist superitem atend)
 (NOT (for i in (if atend
 then itemlist
 else (REVERSE itemlist))
 do (OR (\BkgMenu.move.item i superitem atend)
 (SETQ $$VAL T]))
 (* mdd "23-Sep-85 20:26")
```

```
(BkgMenu.subitems
 [LAMBDA (item)
 (if item
 then (if (SETQ item (\BkgMenu.locate item))
 then (MAPCAR (CDR (CADDR (CAR item)))
 (FUNCTION CAR))
 else 'NotAnItem)
 else (MAPCAR BackgroundMenuCommands (FUNCTION CAR]))
 (* mdd "23-Sep-85 18:33")
```

```
(\BkgMenu.locate
 [LAMBDA (item menu)
 (if [AND (LISTP item)
 (CDR item)
 (NOT (SETQ menu (CADDR (CAR (\BkgMenu.locate (CDR item)
 menu)
 then NIL
 else (\BkgMenu.locater (MKSTRING (if (LISTP item)
 then (CAR item)
 else item))
 (OR (CDR menu)
 BackgroundMenuCommands)
 menu])
 (* mdd "23-Sep-85 20:58")
```

```
(\BkgMenu.locater
 [LAMBDA (name items preitems)
 (bind (queue _ (CONS NIL NIL)) until (OR (SETQ $$VAL (\BkgMenu.scan.item.list name items preitems queue))
 (NULL (CAR queue)))
 do (SETQ preitems (CAAR queue))
 (SETQ items (CDR preitems))
 (RPLACA queue (CDR queue))
 (if (NULL (CAR queue))
 then (RPLACD queue NIL]))
 (* mdd "23-Sep-85 20:44")
```

```
(\BkgMenu.remove.item
 [LAMBDA (item)
 (if (CDR item)
 then (RPLACD (CDR item)
 (CADDR item))
 else (SETQ BackgroundMenuCommands (CDR BackgroundMenuCommands]))
 (* mdd "23-Sep-85 17:12")
```

```
(\BkgMenu.scan.item.list
 [LAMBDA (name items preitems queue)
 (for i in old items do (if (EQUAL (MKSTRING (CAR i))
 name)
 then (RETURN (CONS i preitems))
 else (if (CADDR i)
 then (TCONC queue (CADDR i))
 (SETQ preitems items]))
 (* mdd "23-Sep-85 15:39")
```

```
(\BkgMenu.unremove.item
 [LAMBDA (item)
 (if (CDR item)
 then (RPLACD (CDR item)
 (CONS (CAR item)
 (CADDR item)))
 else (SETQ BackgroundMenuCommands (CONS (CAR item)
 BackgroundMenuCommands]))
 (* mdd "23-Sep-85 17:17")
```

```
)
(PUTPROPS BACKGROUNDMENU COPYRIGHT ("Xerox Corporation" 1985 1986 1987))
```

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**VARIABLE INDEX**

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