```
(IL:RPAQQ IL:DICT-WINDOW-TYPESCOMS ((FILE-ENVIRONMENTS IL:DICT-WINDOW-TYPES)
                                    (IL:WINDOW-TYPES :DICT-WINDOW :SEARCH-MENU)
                                    (IL:FUNCTIONS DICT-WINDOW-P DICT-WINDOW-ABSTRACTER
                                        DICT-WINDOW-RECONSTITUTER)
                                    (IL:FUNCTIONS SEARCH-MENU-P SEARCH-MENU-ABSTRACTER
                                        SEARCH-MENU-RECONSTITUTER)))


(DEFINE-FILE-ENVIRONMENT IL:DICT-WINDOW-TYPES :COMPILER :COMPILE-FILE
   :READTABLE "XCL"
   :PACKAGE "XCL-USER")


(ROOMS:DEF-WINDOW-TYPE :DICT-WINDOW :DEPENDENCIES (:TEDIT :TEXTSTREAM)
   :RECOGNIZER DICT-WINDOW-P
   :ABSTRACTER DICT-WINDOW-ABSTRACTER
   :RECONSTITUTER DICT-WINDOW-RECONSTITUTER
   :TITLE "Definitions"
   :FILES (IL:DICTTOOL IL:DICT-WINDOW-TYPES))


(ROOMS:DEF-WINDOW-TYPE :SEARCH-MENU :RECOGNIZER SEARCH-MENU-P
   :ABSTRACTER SEARCH-MENU-ABSTRACTER
   :RECONSTITUTER SEARCH-MENU-RECONSTITUTER
   :TITLE "Search Menu"
   :FILES (IL:SEARCHMENU IL:DICT-WINDOW-TYPES))


(DEFUN DICT-WINDOW-P (WINDOW)
   (DECLARE (GLOBAL IL:|Dict.DefWindow|))
   (EQ WINDOW IL:|Dict.DefWindow|))


(DEFUN DICT-WINDOW-ABSTRACTER (W)
   (LET (NERD DICT)
        (DECLARE (GLOBAL IL:|Dict.OutputStream|))
        (SETQ NERD (OR (IL:STREAMPROP (IL:TEXTSTREAM W)
                             'IL:|nerd|)
                       (IL:STREAMPROP (IL:|Dict.OutputStream|)
                             'IL:|nerd|)))
        (SETQ DICT (OR (IL:STREAMPROP (IL:TEXTSTREAM W)
                             'IL:|dict|)
                       (IL:STREAMPROP (IL:|Dict.OutputStream|)
                             'IL:|dict|)))
        (LIST :DICT (AND DICT (IL:|Dict.Name| DICT))
              :NERD
              (AND NERD (IL:|InvertedDict.Name| NERD)))))


(DEFUN DICT-WINDOW-RECONSTITUTER (DATA)
   (DECLARE (GLOBAL IL:|Dict.DefWindow|))
   (LET (DICTSTREAM DICTNAME DICT NERDNAME NERD)
        (SETQ DICTSTREAM (IL:|Dict.OutputStream| (IL:CREATEREGION 0 0 100 100)))
        (COND
           ((SETQ DICTNAME (GETF DATA :DICT))
            (COND
               ((SETQ DICT (IL:|DictFromName| DICTNAME))
                (IL:STREAMPROP DICTSTREAM 'IL:|dict| DICT)))))
        (COND
           ((SETQ NERDNAME (GETF DATA :NERD))
            (COND
               ((SETQ NERD (IL:|InvertedDictFromName| NERDNAME))
                (IL:STREAMPROP DICTSTREAM 'IL:|nerd| NERD)))))
        IL:|Dict.DefWindow|))


(DEFUN SEARCH-MENU-P (W)
   (EQUAL "Search Menu" (IL:WINDOWPROP W 'IL:TITLE)))
```

```
(DEFUN SEARCH-MENU-ABSTRACTER (W)
   (LET (NERD)
        (DECLARE (GLOBAL IL:|SearchMenu.Stream|))
        (SETQ NERD (AND (STREAMP IL:|SearchMenu.Stream|)
                        (IL:STREAMPROP IL:|SearchMenu.Stream| 'IL:|nerd|)))
        (LIST :NERD (AND NERD (IL:|InvertedDict.Name| NERD)))))


(DEFUN SEARCH-MENU-RECONSTITUTER (DATA)
   (LET (NERDNAME NERD)
        (DECLARE (GLOBAL IL:|SearchMenu| IL:|SearchMenu.Stream|))
        (IL:|SearchMenu.Create|)
        (COND
           ((NULL IL:|SearchMenu.Stream|)
            (SETQ IL:|SearchMenu.Stream| (IL:OPENTEXTSTREAM))))
        (COND
           ((SETQ NERDNAME (GETF DATA :NERD))
            (COND
               ((SETQ NERD (IL:|InvertedDictFromName| NERDNAME))
                (IL:STREAMPROP IL:|SearchMenu.Stream| 'IL:|nerd| NERD)))))
        IL:|SearchMenu|))

(IL:PUTPROPS IL:DICT-WINDOW-TYPES IL:COPYRIGHT ("Xerox Corporation" 1988))
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