```
(RPAQQ TBDECLSCOMS ((RECORDS TABLEBROWSER TABLEITEM)
                    (CONSTANTS TB.LEFT.MARGIN)))

(DECLARE%: EVAL@COMPILE

(DATATYPE TABLEBROWSER ((TBREADY FLAG)
                        (TBHEIGHTEXPLICIT FLAG)          ; True if creator set explicit item height or baseline
                        (NIL 6 FLAG)
                        (TBITEMS POINTER)                ; List of items in this browser
                        (TB#ITEMS WORD)                  ; Number of items
                        (TB#DELETED WORD)                ; Number of items marked deleted
                        (TB#LINESPERITEM WORD)           ; Number of lines occupied by each item, normally 1 (dunno if
                                                         ; any other values work)
                        (TBFIRSTSELECTEDITEM WORD)       ; Number of first selected item.  If none selected, is > TB#ITEMS
                        (TBLASTSELECTEDITEM WORD)        ; Number of last selected item.  If none selected, is 0
                        (TBITEMHEIGHT WORD)              ; Height of an item, i.e., fontheight*linesperitem
                        (TBMAXXPOS WORD)                 ; The largest x-position a user printfn has printed to
                        (TBFONTHEIGHT WORD)              ; Height, ascent, descent of font
                        (TBFONTASCENT WORD)
                        (TBBASELINE WORD)
                        (TBWINDOW POINTER)               ; Pointer to the display window.  Need to snap this link when
                                                         ; browser is closed
                        (TBLOCK POINTER)                 ; Monitor lock guarding some browser operations
                        (TBUSERDATA POINTER)             ; Arbitrary user storage
                        (TBFONT POINTER)                 ; Pointer to font used by display
                        (TBEXTENT POINTER)               ; Window's extent, updated as items are added, deleted, or
                                                         ; printfn prints farther to right
                        (TBUPDATEFROMHERE POINTER)       ; If changes have occurred while shrunk, this gives the # of first
                                                         ; item that needs redisplay
                        (TBCOLUMNS POINTER)              ; Number of columns--not yet implemented
                        (TBPRINTFN POINTER)              ; (Browser Item Window) -- displays Item at current line position
                                                         ; in window
                        (TBCOPYFN POINTER)               ; (Browser Item) -- copy selects Item
                        (TBFONTCHANGEFN POINTER)         ; (Browser Window) -- called when tb.set.font changes the font
                        (TBCLOSEFN POINTER)              ; (Browser Window Close/Shrink) -- called when you try to close
                                                         ; or shrink window
                        (TBAFTERCLOSEFN POINTER)         ; (Browser Window) -- called to cleanup AFTER a closew
                        (TBTITLEEVENTFN POINTER)         ; (Window Browser) -- handles button event in browser's title
                        (TBLINETHICKNESS POINTER)        ; Thickness of line for deletions (normally 1)
                        (TBORIGIN POINTER)               ; Y position of the top of the first item
                        (TBTAILHINT POINTER)             ; A tail of TBITEMS, used to speed up TB.NTH.ITEM
                        (TBHEADINGWINDOW POINTER)        ; An optional "header window" that should be horizontally
                                                         ; scrolled in synchrony with this one
                        (NIL POINTER)))

(DATATYPE TABLEITEM ((TISELECTED FLAG)
                     (TIDELETED FLAG)
                     (TIUNDELETABLE FLAG)
                     (TIUNSELECTABLE FLAG)
                     (TIUNCOPYSELECTABLE FLAG)
                     (NIL 3 FLAG)
                     (TIDATA POINTER)
                     (TI# WORD)
                     (NIL WORD)))
)

(/DECLAREDATATYPE 'TABLEBROWSER
        '(FLAG FLAG FLAG FLAG FLAG FLAG FLAG FLAG POINTER WORD WORD WORD WORD WORD WORD WORD WORD WORD WORD
                POINTER POINTER POINTER POINTER POINTER POINTER POINTER POINTER POINTER POINTER POINTER POINTER
                POINTER POINTER POINTER POINTER POINTER POINTER)
        ;; ---field descriptor list elided by lister---
        '48)

(/DECLAREDATATYPE 'TABLEITEM '(FLAG FLAG FLAG FLAG FLAG FLAG FLAG FLAG POINTER WORD WORD)
        ;; ---field descriptor list elided by lister---
        '4)

(DECLARE%: EVAL@COMPILE
```

(RPAQQ **TB.LEFT.MARGIN** 8)

(CONSTANTS TB.LEFT.MARGIN)
)

(PUTPROPS **TBDECLS COPYRIGHT** ("Venue" 1985 1988 1990 1993 1994))

RECORD INDEX

CONSTANT INDEX