```
(RPAQQ DESTNOTEFILEBROWSERCOMS
       [

;;; dsj. 9/22/88. NC package for browsing, viewing and modifying crossfile links' destination notefile.

        (FNS DNFB.AddEditParameters DNFB.AddSessionMenuItem DNFB.BrowserFontFetchFn DNFB.BrowserFontSelectFn
             DNFB.BrowserMenuWhenSelectedFn DNFB.BrowserSourceNoteFiles DNFB.CreateBrowser
             DNFB.DestinationNoteFiles DNFB.Initialize DNFB.OpenClosedNoteFiles DNFB.PrintFn
             DNFB.RecomputeBrowser DNFB.RenameBrowserItem DNFB.SessionMenuItems)
        (INITVARS (DNFB.BrowserFont)
             (DNFB.BrowserHeaderWindowFont))

      ;; Additional files to load in.

        (FILES (FROM VALUEOF (LIST (IF (AND (BOUNDP '*NOTECARDS-PATCH-DIR*)
                                            *NOTECARDS-PATCH-DIR*)
                                       ELSE NOTECARDSNEXTDIRECTORIES)))
             DSJPATCH075 DSJPATCH076 RARPATCH026)
        (P (DNFB.Initialize))
        (DECLARE%: DONTCOPY (PROPS (DESTNOTEFILEBROWSER MAKEFILE-ENVIRONMENT)
                                   (DESTNOTEFILEBROWSER FILETYPE)))

      ;;  Make sure needed decls are loaded if file is not compiled

        (DECLARE%: EVAL@COMPILE DONTCOPY (FILES (SOURCE)
                                                TABLEBROWSERDECLS))
        (DECLARE%: DONTEVAL@LOAD DOEVAL@COMPILE DONTCOPY COMPILERVARS (ADDVARS (NLAMA)
                                                                              (NLAML)
                                                                              (LAMA DNFB.BrowserSourceNoteFiles])


;;; dsj. 9/22/88. NC package for browsing, viewing and modifying crossfile links' destination notefile.

(DEFINEQ
```

### (DNFB.AddEditParameters
```
  [LAMBDA NIL                                                     ; Edited 23-Sep-88 16:58 by DSJ

    ;; dsj. 9/23/88.  Add edit params.

    (NCP.AddEditParameter 'DestinationNoteFileBrowserFont 'DNFB.BrowserFont DNFB.BrowserFont
          'NoteFileIndicatorFont (FUNCTION DNFB.BrowserFontFetchFn)
          (FUNCTION DNFB.BrowserFontSelectFn])
```

### (DNFB.AddSessionMenuItem
```
  [LAMBDA NIL                                                     ; Edited 22-Sep-88 19:40 by DSJ

          (* * DSJ%: 22-Sep-88 {BrokenAtom}#360,163776 Add the menu for DNFB to Notecards ops.)

    (NCP.AddSessionIconMenuItem 'Other (DNFB.SessionMenuItems])
```

### (DNFB.BrowserFontFetchFn
```
  [LAMBDA (variableName)                                          ; Edited 23-Sep-88 16:59 by DSJ
    (NC.DefaultFontFetchFn variableName])
```

### (DNFB.BrowserFontSelectFn
```
  [LAMBDA (GlobalVar)                                             ; Edited 23-Sep-88 16:59 by DSJ

          (* * dsj. |9/23/88.|)

    (NC.DefaultFontSelectionFn GlobalVar])
```

### (DNFB.BrowserMenuWhenSelectedFn
```
  [LAMBDA (ITEM MENU KEY)                                         ; Edited 29-Sep-88 19:44 by DSJ
    ;; dsj. 9/29/88.  Do the selection in the destination nf browser

    (PROG [[Browser (GETMENUPROP MENU 'Browser]
          (AND (LISTP ITEM)
               (SETQ ITEM (CAR ITEM)))
          (SELECTQ ITEM
```

```
                    (Rename (DNFB.RenameBrowserItem Browser))
                    ((Recompute |Same source notefiles|)
                        (DNFB.RecomputeBrowser Browser))
                    (|New source notefiles|
                        (DNFB.RecomputeBrowser Browser T))
                    (SHOULDNT])
```

## (**DNFB.BrowserSourceNoteFiles**

```
  [LAMBDA Args                                                  ; Edited 29-Sep-88 19:38 by DSJ
```

;; Put/Get the source notefiles associated with this browser.  Args is (Browser NewSourceNotefiles)

```
    (if (EQ 1 Args)
        then                                                    ; Get it
            (LISTGET (TB.USERDATA (ARG Args 1))
                   'SourceNoteFiles)
      else                                                      ; put it
          (if (TB.USERDATA (ARG Args 1))
              then (TB.USERDATA (ARG Args 1)
                        (LISTPUT (TB.USERDATA (ARG Args 1))
                               'SourceNoteFiles
                               (ARG Args 2)))
            else)
          (TB.USERDATA (ARG Args 1)
                (LIST 'SourceNoteFiles (ARG Args 2])
```

## (**DNFB.CreateBrowser**

```
  [LAMBDA NIL                                                   ; Edited 30-Sep-88 14:17 by DSJ
    (GLOBALVARS DNFB.BrowserFont DNFB.BrowserHeaderWindowFont)
    (PROG (SourceNotefiles DestNotefiles BrowserHeaderWindow BrowserHeaderWindowRegion BrowserMainWindowRegion
                  BrowserTotalRegion BrowserMainWindow BrowserMenu Browser (BrowserHeaderWindowHeight 70))
```

;; Get region from user

```
          (NCP.PrintMsg NC.NoteCardsIconWindow NIL "Specify a region for the Destination Notefile Browser   ")
          (SETQ BrowserTotalRegion (GETREGION))
          (NCP.ClearMsg NC.NoteCardsIconWindow T)               ; Make command menu
          (SETQ BrowserMenu (create MENU
                                  ITEMS _ '(Rename (Recompute NIL "Recompute browser items" (SUBITEMS
                                                                                |Same source notefiles|

                                                                                |New source notefiles|
                                                                                   )))
                                  CENTERFLG _ T
                                  TITLE _ "Commands"
                                  WHENSELECTEDFN _ (FUNCTION DNFB.BrowserMenuWhenSelectedFn)))
                                                                 ; Make main window
          (SETQ BrowserMainWindow (CREATEMENUEDWINDOW BrowserMenu "Destination NoteFiles" 'RIGHT
                          BrowserTotalRegion))
```

;; This next is a kludge to get NC interface fns like NCP.PrintMsg to place a prompt window above this window.

```
          (WINDOWPROP BrowserMainWindow 'NoteFile T)
```

;; Set up header window

```
          (SETQ BrowserMainWindowRegion (WINDOWPROP BrowserMainWindow 'REGION))
          (SETQ BrowserHeaderWindow (CREATEW (CREATEREGION (fetch LEFT of BrowserMainWindowRegion)
                                                  (fetch TOP of BrowserMainWindowRegion)
                                                  (fetch WIDTH of BrowserMainWindowRegion)
                                                  BrowserHeaderWindowHeight)
                                        "Crossfile Links Destination NoteFile Browser"))
          (DSPFONT DNFB.BrowserHeaderWindowFont BrowserHeaderWindow)
          (ATTACHWINDOW BrowserHeaderWindow BrowserMainWindow 'TOP 'JUSTIFY)
          (WINDOWPROP BrowserMainWindow 'BrowserHeaderWindow BrowserHeaderWindow)
          (PRIN1 "Select Source Notefiles for Crossfile Links
              " BrowserHeaderWindow)
      ;;
      ;; Select source notefiles and Open those that are closed
          (SETQ SourceNotefiles (DNFB.OpenClosedNoteFiles (NCP.SelectNoteFiles BrowserHeaderWindow "Browse
                                                  Crossfile Links Notefile" BrowserMainWindow T
                                                  NIL T)
                          BrowserMainWindow))
      ;;
      ;; Now get all destination notefiles for SourceNotefiles' crosslinks.
          (SETQ DestNotefiles (DNFB.DestinationNoteFiles SourceNotefiles))
                                                                 ; Now reshape header window to fit info
          [SETQ BrowserHeaderWindowHeight (IMIN BrowserHeaderWindowHeight (ITIMES (IPLUS 4 (LENGTH
                                                                                SourceNotefiles
                                                                                ))
                                                                (FONTPROP
                                                                    DNFB.BrowserHeaderWindowFont
                                                                    'HEIGHT]
          (SETQ BrowserHeaderWindowRegion (WINDOWPROP BrowserHeaderWindow 'REGION))
          (SHAPEW BrowserHeaderWindow (CREATEREGION (fetch LEFT of BrowserHeaderWindowRegion)
                                            (fetch BOTTOM of BrowserHeaderWindowRegion)
```

```
                                                          (fetch WIDTH of BrowserHeaderWindowRegion)
                                                          BrowserHeaderWindowHeight))
              (CLEARW BrowserHeaderWindow)
              (for X in (APPEND (LIST "Source Notefiles for Crossfile Links:")
                                (for NF in SourceNotefiles collect NF))
                 do (PRIN1 (CONCAT X "
                                    ")
                          BrowserHeaderWindow))                        ; Make sure header window is always this size
              (WINDOWPROP BrowserHeaderWindow 'MINSIZE (CONS 10 BrowserHeaderWindowHeight))
              (WINDOWPROP BrowserHeaderWindow 'MAXSIZE (CONS 10 BrowserHeaderWindowHeight))
         ;; And compute the browser
              [SETQ Browser (TB.MAKE.BROWSER (for NF in DestNotefiles collect (create TABLEITEM
                                                                                      TIDATA _ NF))
                              BrowserMainWindow
                              '(PRINTFN DNFB.PrintFn FONT ,DNFB.BrowserFont TITLE "Destination NoteFile
                                 Browser"]
         ;; Hang needed props
              (PUTMENUPROP BrowserMenu 'Browser Browser)
              (DNFB.BrowserSourceNoteFiles Browser SourceNotefiles)
              (RETURN Browser])
```

⟨**DNFB.DestinationNoteFiles**
```
  [LAMBDA (SourceNoteFiles)                                          ; Edited 29-Sep-88 18:54 by DSJ
```
;; dsj. 9/22/88.  Collect all destination nfs for all crossfile links found in all SourceNoteFiles.
```
     (PROG (DestNoteFiles FinalDestNoteFiles)
```
;; Get destination nfs.
```
          (for DestNFList in (for SourceNF in (MKLIST SourceNoteFiles)
                                collect [NCP.MapCardsOfType 'CrossFileLink (NCP.NoteFileFromFileName SourceNF)
                                               (LAMBDA (Card)
                                                  (if (NOT (NCP.CardCachedP Card))
                                                      then ;; cache it; leave it cached

                                                           (NCP.CacheCards Card))
                                                      (pushnew DestNoteFiles (fetch (CrossFileLinkSubstance
                                                                                     CrossFileLinkDestFileHint)
                                                                               of (NC.FetchSubstance Card]
                                       DestNoteFiles)
             do (for DestNF in DestNFList do (pushnew FinalDestNoteFiles DestNF)))
          (RETURN FinalDestNoteFiles])
```

⟨**DNFB.Initialize**
```
  [LAMBDA NIL                                                        ; Edited 26-Sep-88 20:08 by DSJ
```
;; dsj. 9/23/88.  Do init things.
```
     (DNFB.AddSessionMenuItem)
```
;; Vars
```
     [OR DNFB.BrowserFont (SETQ DNFB.BrowserFont (FONTCREATE '(GACHA 10 STANDARD]
     [OR DNFB.BrowserHeaderWindowFont (SETQ DNFB.BrowserHeaderWindowFont (FONTCREATE '(GACHA 8 STANDARD]
     (DNFB.AddEditParameters])
```

⟨**DNFB.OpenClosedNoteFiles**
```
  [LAMBDA (SourceNoteFiles InterestedWindow)                         ; Edited 29-Sep-88 17:35 by DSJ
```
;; dsj. 9/29/88.  Open those notefiles that are closed if user agrees.
```
     (PROG (ClosedNFs)
```
;; Collect all non-open nfs and open them if user really wants it
```
          [if [SETQ ClosedNFs (for NF in SourceNoteFiles collect NF when (NOT (NCP.OpenNoteFileP NF]
              then (if (NCP.AskYesOrNo (CONCAT "The following notefile" (if (EQ 1 (LENGTH ClosedNFs))
                                                                           then " is "
                                                                           else "s are ")
                                              "not open:
                                              " ClosedNFs "
                                              May I open " (if (EQ 1 (LENGTH ClosedNFs))
                                                              then "it"
                                                              else "them")
                                              " to compute the browser?")
                               "-->" "Yes" T InterestedWindow)          ; open them
                       (for NF in ClosedNFs do (NCP.OpenNoteFile NF T))
              else                                                      ; remove them from the list
                   (SETQ SourceNoteFiles (for NF in SourceNoteFiles collect NF unless (MEMBER NF ClosedNFs]
          (RETURN SourceNoteFiles])
```

⟨**DNFB.PrintFn**
```
  [LAMBDA (Browser Item Window)                                      ; Edited 23-Sep-88 16:44 by DSJ
```
;; dsj.  9/23/88.  Print browser item in window

```
        (PRINT (fetch (TABLEITEM TIDATA) of Item)
               Window])
```

**DNFB.RecomputeBrowser**
```
  [LAMBDA (Browser NewSourcesFlg)                                       ; Edited 29-Sep-88 19:37 by DSJ
```
    ;; dsj. 9/29/88.  REcompute the dest notefile browser.
```
    (PROG (SourceNotefiles DestNotefiles BrowserHeaderWindow BrowserHeaderWindowRegion BrowserMainWindowRegion
                 BrowserTotalRegion BrowserMainWindow BrowserMenu (BrowserHeaderWindowHeight 70))
```
    ;; Get main window
```
        (SETQ BrowserMainWindow (TB.WINDOW Browser))
        (SETQ BrowserMainWindowRegion (WINDOWPROP BrowserMainWindow 'REGION))
        (SETQ BrowserTotalRegion (WINDOWREGION BrowserMainWindow))
        (SETQ BrowserHeaderWindow (WINDOWPROP BrowserMainWindow 'BrowserHeaderWindow))
        [if NewSourcesFlg
            then ;; Reset up header window
                (SHAPEW BrowserHeaderWindow (CREATEREGION (fetch LEFT of BrowserMainWindowRegion)
                                                         (fetch TOP of BrowserMainWindowRegion)
                                                         (fetch WIDTH of BrowserTotalRegion)
                                                         BrowserHeaderWindowHeight))
                (CLEARW BrowserHeaderWindow)
                (PRIN1 "Select New Source Notefiles for Crossfile Links
                    " BrowserHeaderWindow)
                ;;
                ;; Select source notefiles and Open those that are closed
                (DNFB.BrowserSourceNoteFiles Browser (SETQ SourceNotefiles
                                                      (DNFB.OpenClosedNoteFiles (NCP.SelectNoteFiles
                                                                                 BrowserHeaderWindow
                                                                                 "Browse Crossfile
                                                                                 Links Notefile"
                                                                                 BrowserMainWindow T
                                                                                 NIL T)
                                                               BrowserMainWindow)))
          else ;; Make sure old sources are still open
                (DNFB.BrowserSourceNoteFiles Browser (SETQ SourceNotefiles (DNFB.OpenClosedNoteFiles
                                                                           (DNFB.BrowserSourceNoteFiles Browser
                                                                           )
                                                               BrowserMainWindow]
    ;;
    ;; Now get all destination notefiles for SourceNotefiles' crosslinks.
        (SETQ DestNotefiles (DNFB.DestinationNoteFiles SourceNotefiles))
                                                       ; Now reshape header window to fit info
        [SETQ BrowserHeaderWindowHeight (IMIN BrowserHeaderWindowHeight (ITIMES (IPLUS 4 (LENGTH
                                                                                     SourceNotefiles
                                                                                     ))
                                                                        (FONTPROP
                                                                          DNFB.BrowserHeaderWindowFont
                                                                          'HEIGHT]
        (SETQ BrowserHeaderWindowRegion (WINDOWPROP BrowserHeaderWindow 'REGION))
        (SHAPEW BrowserHeaderWindow (CREATEREGION (fetch LEFT of BrowserHeaderWindowRegion)
                                                 (fetch BOTTOM of BrowserHeaderWindowRegion)
                                                 (fetch WIDTH of BrowserHeaderWindowRegion)
                                                 BrowserHeaderWindowHeight))
        (CLEARW BrowserHeaderWindow)
        (for X in (APPEND (LIST "Source Notefiles for Crossfile Links:")
                    (for NF in SourceNotefiles collect NF))
            do (PRIN1 (CONCAT X "
                        ")
                    BrowserHeaderWindow))                 ; Make sure header window is always this size
        (WINDOWPROP BrowserHeaderWindow 'MINSIZE (CONS 10 BrowserHeaderWindowHeight))
        (WINDOWPROP BrowserHeaderWindow 'MAXSIZE (CONS 10 BrowserHeaderWindowHeight))
    ;;
    ;; And recompute the browser
        (TB.REPLACE.ITEMS Browser (for NF in DestNotefiles collect (create TABLEITEM
                                                                          TIDATA _ NF])
```

**DNFB.RenameBrowserItem**
```
  [LAMBDA (Browser)                                                     ; Edited 30-Sep-88 15:38 by DSJ
```
    ;; dsj. 9/29/88.  Rename the destination notefile selected in the browser window.
```
    (PROG (SelectedNoteFiles SourceNotefiles NewDestNoteFile)
```
    ;; Get main window and ask for new name
```
        (SETQ BrowserMainWindow (TB.WINDOW Browser))
        (if (SETQ SelectedNoteFiles (for ITEM in (TB.COLLECT.ITEMS Browser 'SELECTED)
                                        collect (fetch (TABLEITEM TIDATA) of ITEM)))
            then (if (SETQ NewDestNoteFile (NCP.AskUser (CONCAT "Rename the following crossfile link
                                                        destination notefile"
```

```
                                                          (if (EQ 1 (LENGTH SelectedNoteFiles))
                                                              then ""
                                                            else "s")
                                                         " to what directory or notefile?
                                                         " SelectedNoteFiles "
                                                         ")
                                          "-->" NIL T BrowserMainWindow))
            then  ;; Now change the selected destination notefiles for all source notefiles.  Make sure source nfs are open.

                          (SETQ SourceNotefiles (DNFB.OpenClosedNoteFiles (DNFB.BrowserSourceNoteFiles Browser)
                                                  BrowserMainWindow))
                          (if (NCP.RenameCrossFileLinksDestination SourceNotefiles SelectedNoteFiles
                                    NewDestNoteFile BrowserMainWindow)
                              then  ;; Finally, recompute browser to update.  Reset browser sources in case they have changed.

                                  (DNFB.BrowserSourceNoteFiles Browser SourceNotefiles)
                                  (DNFB.RecomputeBrowser Browser)
                                  (NCP.ClearMsg BrowserMainWindow T))
                        else (NCP.PrintMsg BrowserMainWindow T "No notefiles renamed.")
                             (NCP.ClearMsg BrowserMainWindow T 2000))
               else (NCP.PrintMsg BrowserMainWindow T "No notefiles in browser selected")
                    (NCP.ClearMsg BrowserMainWindow T 2000]
```

(**DNFB.SessionMenuItems**
```
  [LAMBDA NIL                                                      ; Edited 30-Sep-88 16:07 by DSJ

        (* * dsj. Returns a list of main menu items for DNFB to appear in the NC session menu.)

    '(" Destination NoteFile Browser " (ADD.PROCESS '(DNFB.CreateBrowser))
          "Creates a filebrowser on the destination notefiles found in crossfile links. "])
)
```

(RPAQ? **DNFB.BrowserFont** )

(RPAQ? **DNFB.BrowserHeaderWindowFont** )

;; Additional files to load in.

```
(FILESLOAD (FROM VALUEOF (LIST (IF (AND (BOUNDP '*NOTECARDS-PATCH-DIR*)
                                        *NOTECARDS-PATCH-DIR*)
                                   ELSE NOTECARDSNEXTDIRECTORIES)))
      DSJPATCH075 DSJPATCH076 RARPATCH026)
```

(DNFB.Initialize)

(DECLARE%: DONTCOPY)

;;  Make sure needed decls are loaded if file is not compiled

(DECLARE%: EVAL@COMPILE DONTCOPY

```
(FILESLOAD (SOURCE)
      TABLEBROWSERDECLS)
)
```

(DECLARE%: DONTEVAL@LOAD DOEVAL@COMPILE DONTCOPY COMPILERVARS

(ADDTOVAR **NLAMA** )

(ADDTOVAR **NLAML** )

(ADDTOVAR **LAMA** DNFB.BrowserSourceNoteFiles)
)

(PUTPROPS **DESTNOTEFILEBROWSER COPYRIGHT** ("Xerox Corporation" 1989))

## FUNCTION INDEX

## VARIABLE INDEX