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/*****
/*          D R A G D R O P . C          */
/*-----*/
/* Task      : Demonstration of Drag and Drop          */
/*-----*/
/* Authors    : Michael Tischer and Bruno Jennrich    */
/* developed on : 10/01/1995                          */
/* last update  : 10/03/1995                          */
/*****
#include <windows.h>

#include "resource.h"

/*****
/* DlgProc - Dialog function          */
/*-----*/
/* Parameters:   Default dialog box parameters          */
/* Return value : Default return value          */
/*****
BOOL WINAPI DlgProc( HWND hWnd, UINT wMsg, WPARAM wp, LPARAM lp )
{
    switch( wMsg )
    {
        case WM_DROPFILES:                // Somebody dropped something!
        {
            int iNumOfFiles, i;                // Number of files, counter
            char szFileName[MAX_PATH];        // Memory for filename

            HDROP hDrop = (HDROP)wp;          // Get drop information

            // How many files were dropped over the window? -----
            iNumOfFiles = ( int )DragQueryFile( hDrop, (UINT)-1, NULL, 0 );

            // Get the name of each file and add to ListBox -----
            for( i = 0; i < iNumOfFiles; i++ )
            {
                // Get name of i file -----
                DragQueryFile( hDrop, i, szFileName, sizeof( szFileName ) );

                // and off with it to the ListBox -----
                SendMessage( GetDlgItem( hWnd, IDC_DRAGLIST ),
                            LB_ADDSTRING,
                            0,
                            ( LONG )szFileName );
            }
            // Finished processing drop information -----
            DragFinish( hDrop );
        }
        break;
        case WM_INITDIALOG:
        { RECT r;

            // This window accepts drop files -----
            DragAcceptFiles( hWnd, TRUE );

            GetClientRect( hWnd, &r );
            lp = MAKELONG( r.right, r.bottom );
            // Fallthrough to WM_SIZE, passing size of Client Area ---
            // to lp ---
        }
        case WM_SIZE:
            // Size of ListBox = Size of Client Area -----
            MoveWindow( GetDlgItem( hWnd, IDC_DRAGLIST ),
                        0,
                        0,
                        LOWORD( lp ),
                        HIWORD( lp ),
                        TRUE );
            break;
        case WM_COMMAND:
            // Program end when window CLOSE button is pressed -----
            if( LOWORD( wp ) == IDCANCEL ) EndDialog( hWnd, 0 );
            break;
    }
    return FALSE;
}

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/*****
/* WinMain - Start function */
/*-----*/
/* Parameters:    Default parameters */
/* Return value : Default return value */
/*****
int WINAPI WinMain( HINSTANCE hInst,
                   HINSTANCE hInstPrev,
                   LPSTR      lpCmdLine,
                   int        nCmdLine )
{
    DialogBox( hInst,
               MAKEINTRESOURCE( IDD_DIALOG ),
               NULL,
               DlgProc );
    return 0;
}

```