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/*****
/*
/*----- S H F I L E . C -----
/*
/* Task      : Wrapper for SHFileOperation()
/*-----
/* Authors    : Michael Tischer and Bruno Jennrich
/* developed on : 09/28/1995
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*****/

#include <windows.h>
#include <shellapi.h>

/*****
/* FileOperation - Runs SHFileOperation
/*-----
/* Parameters:  hWnd      - Window handle for displaying dialog
/*              box as modal dialog.
/*              pFrom     - "From" - files
/*              pTo       - "To" - files
/*              wOperation - FO_... - operation
/*              fFlags    - FOF_... - flags
/*              hMappings - Address of handle containing file
/*                      mappings.
/*              pTitle    - Dialog title
/* Return value :  0 - Operation completely executed
/*              -1 - Abort
/*              otherwise error
*****/
int FileOperation( HWND      hWnd,
                  LPSTR     pFrom,
                  LPSTR     pTo,
                  WORD      wOperation,
                  FILEOP_FLAGS fFlags,
                  HANDLE     *hMappings,
                  LPSTR     pTitle )
{
    SHFILEOPSTRUCT shfos;
    int             iRetVal;

    shfos.hwnd      = hWnd;
    shfos.wFunc     = wOperation;
    shfos.pFrom     = pFrom;
    shfos.pTo       = pTo;
    shfos.fFlags    = fFlags;
    shfos.fAnyOperationsAborted = 0;
    shfos.hNameMappings = 0;
    shfos.lpszProgressTitle = pTitle;

    iRetVal = SHFileOperation(&shfos);

    // Test abort -----
    if( ( iRetVal == 0 ) && shfos.fAnyOperationsAborted ) iRetVal = -1;

    // Place mappings in passed handle -----
    if( hMappings ) *hMappings = shfos.hNameMappings;
    else
        // In case mappings were requested, but no handle was passed for
        // placement, the handle will be closed
        if( shfos.hNameMappings ) SHFreeNameMappings( shfos.hNameMappings );

    return iRetVal;
}

/*****
/* WinMain - Start function
/*-----
/* Parameters:  default parameters
/* Return value : default return value
*****/
int WINAPI WinMain( HINSTANCE hInst,
                  HINSTANCE hPrev,
                  LPSTR     lpCmdLine,
                  int       nCmdShow )
{
    // Copy all C, H and MAK files to BackUp directory
    ----

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// Create this directory if necessary.          ----

FileOperation( NULL,
               "*.c\0*.h\0*.mak\0",
               "c:\\backup PC Intern",
               FO_COPY,
               FOF_RENAMEONCOLLISION,
               NULL,
               "Create backup copy");
return 0;
}
```