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The following paragraph describes what is the macro ENSURE, I cut this paragraph from MSN
and past it here.
The purpose of these macros is to improve the validation of parameters. The macros prevent
further processing of incorrect parameters in your code. Unlike the ASSERT macros, the
ENSURE macros throw an exception in addition to generating an assertion.
The macros behave in two ways, according to the project configuration. The macros call
ASSERT and then throw an exception if the assertion fails. Thus, in Debug configurations (that
is, where _DEBUG is defined) the macros produce an assertion and exception while in Release
configurations, the macros produce only the exception (ASSERT does not evaluate the
expression in Release configurations).
The macro ENSURE_ARG acts like the ENSURE macro.
To solve this bug I made two steps, First: I replaced CWinAPP::OnFileOpen using the following
void CScheduleApp::OnMyFileOpen()
//manual open using CFileDialog
      CString strDocFileName = T("");
CFileDialog *pDlg;
pDlg = new CFileDialog (TRUE,_T
("yps"), strDocFileName, OFN HIDEREADONLY | OFN OVERWRITEPROMPT,
_T("File (*.yps)|*.yps|All Files (*.*)|*.*||"),NULL);
m_strCurFolder = m_strCurFolder.IsEmpty() ? GetParentFolder():m_strCurFolder;
pDlg->m_ofn.lpstrInitialDir = m_strCurFolder.GetBuffer(MAX_PATH);
pDlg->m ofn.lpstrTitle = T("فنح");
if (pDlg->DoModal() ==IDOK)
strDocFileName = pDlg->GetPathName();
//the next line is optained from the following mfc source file
//C:\Program Files\Microsoft Visual Studio 9.0\VC\atlmfc\src\mfc\docmgr.cpp
AfxGetApp()->OpenDocumentFile(strDocFileName);
m_strCurFolder.ReleaseBuffer();
delete pDla;
//Keep track of obtained folder as default for next open operation
m_strCurFolder = strDocFileName.IsEmpty() ? m_strCurFolder:
        (\texttt{strDocFileName.IsEmpty}() ~?~ \_\texttt{T("")}: \texttt{strDocFileName.Left}(\texttt{strDocFileName.ReverseFind})) \\
theApp.WriteString(_T("CurUserFolder"),m_strCurFolder);
Second: I override CDocumment::DoSave() funtion to prevent it from calling AfxGetApp()
->DoPromptFileName that uses the buggy resource, here is the code:
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BOOL CScheduleDoc::DoSave(LPCTSTR lpszPathName, BOOL bReplace)
CString newName = lpszPathName;
if (newName.IsEmpty())
CDocTemplate* pTemplate = GetDocTemplate();
ASSERT (pTemplate != NULL);
newName = m_strPathName;
if (bReplace && newName.IsEmpty())
newName = m_strTitle;
// check for dubious filename
int iBad = newName.FindOneOf(_T(":/\\"));
if (iBad != -1)
newName.ReleaseBuffer(iBad);
// append the default suffix if there is one
if (pTemplate->GetDocString(strExt, CDocTemplate::filterExt) &&
!strExt.IsEmpty())
ASSERT(strExt[0] == '.');
int iStart = 0;
newName += strExt.Tokenize(_T(";"), iStart);
//Replace the bug lines with a new technique
//if (!AfxGetApp() ->DoPromptFileName(newName,
// bReplace ? AFX_IDS_SAVEFILE : AFX_IDS_SAVEFILECOPY,
// OFN_HIDEREADONLY | OFN_PATHMUSTEXIST, FALSE, pTemplate))
// return FALSE; // don't even attempt to save
if(!MyDoPromptFileName(newName,bReplace))
return false;
CWaitCursor wait;
if (!OnSaveDocument(newName))
if (lpszPathName == NULL)
// be sure to delete the file
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TRY
CFile::Remove(newName);
CATCH ALL(e)
//the normal place for the following Macro is in mfc\stdafx.h
//{\tt I} bring it here because it is used only here and {\tt I} have no plan to use it anywhere
#define DELETE_EXCEPTION(e) do { if(e) { e->Delete(); } } while (0)
TRACE(traceAppMsg, 0, "Warning: failed to delete file after failed SaveAs.\n");
DELETE EXCEPTION(e);
END CATCH ALL
return FALSE;
// reset the title and change the document name
if (bReplace)
SetPathName(newName);
return TRUE; // success
BOOL CScheduleDoc::MyDoPromptFileName(CString& fileName, bool bReplace)
CFileDialog *pDlg;
pDlg = new CFileDialog (FALSE,_T("yps"),fileName,OFN_HIDEREADONLY|OFN_OVERWRITEPROMPT,
_T("Timetable File (*.yps)|*.yps|All Files (*.*)|*.*||"),NULL);
CString title = bReplace ? _T("أخر ملف في الحصص جدول حفظ"): _T("الحصص جدول حفظ");
pDlg->m_ofn.lpstrTitle = title;
if (pDlg->DoModal() !=IDOK)
fileName=pDlg->GetPathName();
return TRUE;
Posted by Wael AlGhool at 13:00
   M 🕒 📑 🖁 +1 Recommend this on Google
2 comments:
       grejam 11 January 2013 08:15
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