


```

BOOL
OnCreate(HWND hwnd, LPCREATESTRUCT lpcs)
{
    MENUINFO mi = { sizeof(mi), MIM_STYLE, MNS_DRAGDROP };
    return SetMenuInfo(GetMenu(hwnd), &mi);
}
// InitApp
// wc.lpszMenuName = NULL;
wc.lpszMenuName = MAKEINTRESOURCE(IDM_MAIN);

```

For both dragging and dropping, we need a way to obtain the COM object associated with a menu item, so I'll put them in this common helper function:

```

HRESULT GetMenuObject(HWND hwnd, HMENU hmenu, UINT uPos,
                     REFIID riid, void **ppvOut)
{
    HRESULT hr = E_NOTIMPL;
    *ppvOut = NULL;
    if (hmenu == GetSubMenu(GetMenu(hwnd), 0)) {
        switch (GetMenuItemID(hmenu, uPos)) {
            case IDC_CLOCK:
                hr = GetUIObjectOfFile(hwnd, L"C:\\Windows\\clock.avi",
                                      riid, ppvOut);

                break;
        }
    }
    return hr;
}

```

If the menu is our “Test” popup menu, then we know how to map the menu items to COM objects. For now, we have only one item, namely *Clock*, which corresponds to the `C:\Windows\clock.avi`¹ file.

Now we can hook up a handler to the `WM_MENUDRAG` message:

