

Re: Access Runtime on PC without MS Office

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<http://www.tech-archive.net/Archive/Access/microsoft.public.access.setupconfig/2006-10/msg00023.html>

- *From:* "Rick Brandt" <rickbrandt2@xxxxxxxxxxxx>
 - *Date:* Mon, 09 Oct 2006 12:07:46 GMT
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Rick in NS wrote:

Oh boy!!! I have peppered the application with code to control toolbars using the CommandBar object which I believe is in the Microsoft Office Object Library 11.0 which is one of the references in my application but not in the Access 2003 default. In addition I have an Excel pivot table which relies on the Office XP Web Componets (OWC10.DLL) to function properly. Removing either the reference to the WDC10.DLL or to the Office Library 11.0 kicks out numerous compile errors.

I don't pretend to understand the concept of 'late binding'. Is there a fix for this; or am I going to have to rewrite the application removing any reference in the code to the CommandBar object or to a OWc10.PivotTable?

Would another approach; insisting the target machine have some version of Office on it resolve the issue?

No because "some version" would not be adequate. With early binding (where you set references) the exact version is required in almost all cases even down to having the same service packs installed.

Google these groups on "late binding". It is not very difficult to switch your code to use that and it really is the only way to do it when you have multiple machines that you cannot absolutely control what software is installed. In fact, most developers use early binding first to get things working because debugging is easier and you get to use the intellisense features in the VBA editor, then make the few changes to late binding afterwards when everything is working.

There are two huge advantages to late binding. If the user is totally missing a required external library, then the features in your app that depend on that library obviously don't work, but everything else in your app still functions normally. As you have seen, with early binding a missing reference causes many VBA functions to fail that have nothing at all to do with the missing library. Your app basically falls on its face.

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The second big advantage is that your external library calls become (for the most part) version independant. In your case as long as you are not using any Excel features that only exist in a certain version then ANY version of Office/Excel will likely work. With early binding you normally have to have the exact version for the app to function.

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Email (as appropriate) to...

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