

## Re: global.asa question (asp pages)

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**From:** Kevin Spencer (*kevin\_at\_takempis.com*)

**Date:** 02/25/04

Date: Wed, 25 Feb 2004 09:28:30 -0500

Hi Doris,

You're close, and I don't blame you for misunderstanding a bit under the circumstances. In an ASP application, the global.asa file must reside in the APPLICATION ROOT (not the WEB (domain) ROOT). This might seem like a trivial difference, but it is not. A web site is different than a Web Domain, and a Web Domain can have multiple web sites and web applications inside/underneath it. Each Subweb can be configured as an Application, in which case you can actually store a global.asa file in that directory and it will function as the global.asa file for that ASP application. So, you can have multiple subwebs (web sites) under your root domain, each with its own Application, and its own global.asa file.

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HTH,

Kevin Spencer  
.Net Developer  
Microsoft MVP

Big things are made up  
of lots of little things.

"Doris Edwards" <microsol@rikki-tikki-tavi.com> wrote in message  
news:403c6bd9\$2\_1@news.bluewin.ch...

> Hello,

> I have several .mdb Access databases stored with on a web server (not my  
> own, but with a very professional hosting service). I have developed .asp  
> forms with FrontPage

>

> The individual web applications are placed in /webroot/(name of web) of  
the  
> hosting server's web server.

>

> The databases belonging to the individual applications are stored in  
> /webroot/data of the hosting server's web server. I have established a DSN  
> pointer in ODBC data sources to point to the databases. All this works  
fine

> when there is one application and one database.

>

> The global.asa is generated by FrontPage is placed into /webroot, and off  
we  
> go.

>

> The problem comes when there are several databases. My question :

>

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```
> FrontPage generates a global.asa for each application (I know that there
can
> be only one per application). As global.asa needs to be at the webroot,
how
> does this then work ? I have modified global.asa to include the pointers
to
> DSN's. I am listing the modified global.asa file than here below. But
maybe
> this is not the right approach. I get errors when opening the forms
>
> Would be most grateful for your help. Thanks. Doris
> -----
> Contents of GLOBAL.ASA
>
> <SCRIPT LANGUAGE=VBScript RUNAT=Server>
> Sub Application_OnStart
> '==FrontPage Generated - startspan==
> Dim FrontPage_UrlVars(4)
> '--Project Data Connection
> Application("Catalogue_ConnectionString") = "DRIVER={Microsoft Access
> Driver (*.mdb)};DBQ=URL=data/Catalogue.mdb"
> FrontPage_UrlVars(0) = "Catalogue_ConnectionString"
> Application("Catalogue_ConnectionTimeout") = 15
> Application("Catalogue_CommandTimeout") = 30
> Application("Catalogue_CursorLocation") = 3
> Application("Catalogue_RuntimeUserName") = "rikkit"
> Application("Catalogue_RuntimePassword") = "ehql+cfz"
> '--Project Data Connection
> Application("Losinger2_ConnectionString") = "DRIVER={Microsoft Access
> Driver (*.mdb)};DBQ=URL=data/Losinger.mdb"
> FrontPage_UrlVars(1) = "Losinger2_ConnectionString"
> Application("Losinger2_ConnectionTimeout") = 15
> Application("Losinger2_CommandTimeout") = 30
> Application("Losinger2_CursorLocation") = 3
> Application("Losinger2_RuntimeUserName") = "rikkit"
> Application("Losinger2_RuntimePassword") = "ehql+cfz"
> '--Project Data Connection
> Application("GHS2004_ConnectionString") = "DRIVER={Microsoft Access
Driver
> (*.mdb)};DBQ=URL=data/GHS2004.mdb"
> FrontPage_UrlVars(2) = "GHS2004_ConnectionString"
> Application("GHS2004_ConnectionTimeout") = 15
> Application("GHS2004_CommandTimeout") = 30
> Application("GHS2004_CursorLocation") = 3
> Application("GHS2004_RuntimeUserName") = "rikkit"
> Application("GHS2004_RuntimePassword") = "ehql+cfz"
> '--Project Data Connection
> Application("CatalogueVessy_ConnectionString") = "DRIVER={Microsoft
Access
> Driver (*.mdb)};DBQ=URL=data/CatalogueVessy.mdb"
> FrontPage_UrlVars(0) = "CatalogueVessy_ConnectionString"
> Application("CatalogueVessy_ConnectionTimeout") = 15
> Application("CatalogueVessy_CommandTimeout") = 30
> Application("CatalogueVessy_CursorLocation") = 3
> Application("CatalogueVessy_RuntimeUserName") = "rikkit"
> Application("CatalogueVessy_RuntimePassword") = "ehql+cfz"
> '--
> Application("FrontPage_UrlVars") = FrontPage_UrlVars
> '==FrontPage Generated - endspan==
> End Sub
> Sub Session_OnStart
> FrontPage_StartSession '==FrontPage Generated==
```

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```
> End Sub
> Sub FrontPage_StartSession
> On Error Resume Next
> if Len(Application("FrontPage_VRoot")) > 0 then Exit Sub
> ' discover the VRoot for the current page;
> ' walk back up VPath until we find global.asa
> Vroot = Request.ServerVariables("PATH_INFO")
> strG1 = "global.asa"
> strG2 = "Global.asa"
> iCount = 0
> do while Len(Vroot) > 1
>   idx = InStrRev(Vroot, "/")
>   if idx > 0 then
>     Vroot = Left(Vroot,idx)
>   else
>     ' error; assume root web
>     Vroot = "/"
>   end if
>   if FrontPage_FileExists(Server.MapPath(Vroot & strG1)) then exit do
>   if FrontPage_FileExists(Server.MapPath(Vroot & strG2)) then exit do
>   if Right(Vroot,1) = "/" then Vroot = Left(Vroot,Len(Vroot)-1)
>   iCount = iCount + 1
>   if iCount > 100 then
>     ' error; assume root web
>     Vroot = "/"
>     exit do
>   end if
> loop
> ' map all URL= attributes in _ConnectionString variables
> Application.Lock
> if Len(Application("FrontPage_VRoot")) = 0 then
>   Application("FrontPage_VRoot") = Vroot
>   UrlVarArray = Application("FrontPage_UrlVars")
>   for i = 0 to UBound(UrlVarArray)
>     if Len(UrlVarArray(i)) > 0 then FrontPage_MapUrl(UrlVarArray(i))
>   next
> end if
> Application.Unlock
> End Sub
> Sub FrontPage_MapUrl(AppVarName)
> ' convert URL attribute in conn string to absolute file location
> strVal = Application(AppVarName)
> strKey = "URL="
> idxStart = InStr(strVal, strKey)
> If idxStart = 0 Then Exit Sub
> strBefore = Left(strVal, idxStart - 1)
> idxStart = idxStart + Len(strKey)
> idxEnd = InStr(idxStart, strVal, ";")
> If idxEnd = 0 Then
>   strAfter = ""
>   strURL = Mid(strVal, idxStart)
> Else
>   strAfter = ";" & Mid(strVal, idxEnd + 1)
>   strURL = Mid(strVal, idxStart, idxEnd - idxStart)
> End If
> strOut = strBefore & Server.MapPath(Application("FrontPage_VRoot") &
> strURL) & strAfter
> Application(AppVarName) = strOut
> End Sub
> Function FrontPage_FileExists(fspath)
> On Error Resume Next
> FrontPage_FileExists = False
```

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```
> set fs = CreateObject("Scripting.FileSystemObject")
> Err.Clear
> set istream = fs.OpenTextFile(fspath)
> if Err.Number = 0 then
>   FrontPage_FileExists = True
>   istream.Close
> end if
> set istream = Nothing
> set fs = Nothing
> End Function
> </SCRIPT>
>
>
>
>
>
```