2011



USER GUIDE

Deploying Your Application to WinHost

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Deploying Your Application to WinHost

Now that your application has been properly implemented, what's the next step? You can choose to set up a dedicated server to run your website, but this can be costly. An easier and cheaper solution would be to upload the application to a shared hosting service, such as <u>WinHost</u>. They offer cheap and reliable ASP.NET hosting for a very low price. (Note: As *Code On Time* applications take more than 100MB of memory, you may need to order *WinHost Max* – this also gives you up to 10 databases). This article will go over the procedure to deploy your application to WinHost. Make sure to read the correct section for the type of database and application that you have.

Configuring the Settings in WinHost

The first step will be to change some settings in your <u>WinHost</u> control panel. Log in to your *WinHost* account, and switch to the *Sites* tab. Press *Manage* next to the site you are planning to use. You will end up on the *Site Manager* page.



Click on *ASP.NET Version* under the *Site Tools* section. Change the *Framework Version* to "4.0" (or whichever version you're using in your web application).

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Next, click on Integrated or Classic Mode. Change the Pipeline Mode to "Integrated".

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Deploying a Web Site Factory Application with SQL Server

This section will guide you through the steps to deploy your *Web Site Factory* application to *WinHost*, provided that you are using *SQL Server*. If you are using *MySQL*, please skip to <u>Deploying a Web Site</u> <u>Factory Application with MySQL</u>. Membership can be enabled for this process (if you would like to add membership, please skip to <u>Adding Membership to your SQL Database</u>). The connection string in your application must link to your *WinHost* database, as well as the standalone membership database option.

Modify web.config

For deployment, you will need to modify the *web.config* file of your application. This is easily done by running *Code On Time Generator*, selecting your project, and navigating to the *Web Server* page. Insert the following code into the *Modification Instructions* textbox:

InsertAfter: /configuration/system.web/*[last()]
<trust level="Full" legacyCasModel="true" />

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Please specify application execution preferences.	
Web Server	
You may choose to test the generated application right after the completion of the code generation. This feature requires Microsoft Visual Web your computer. The Web Developer web server will be started automatically if you request to run the generated application. Application Execution:	Developer 2008 installed on
The web.config file of the generated project is always overwritten. You many need to make changes to the <i>web.config</i> file to link custom comp custom entries required for your project. Use AppendChild, InsertBefore, and InsertAfter instructions to make precise custom changes to the generated the project. Place instruction followed by ":" and XPath expression leading to existing node followed by XML snippet.	oonent libraries and enter enerated configuration file of
Web.Config modification instructions:	
InsertAfter: /configuration/system.web/*[last()] <trust legacycasmodel="true" level="Full"></trust>	A

Copy Web Site Using FTP

You will now need to open your project in *Visual Studio 2010*. This can be done by pressing *File | Open Web Site*, and selecting the name of the folder containing your project. On the menu bar, press *Website | Copy Web Site*. On the *Connections* bar, press *Connect*.

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Enter your server name, directory, and login information, and press Open.

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		Passwords are sent across the network in plaintext (unencrypted text), making them vulnerable to interception.
		Open Cancel

Now, select all the files from your web site and press the right arrow to copy them over to your <u>WinHost</u> website.

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Creating Application Starting Point

Go back to the <u>WinHost</u> control panel. Select the *Application Starting Point* tool, and press *Create*. Type in the directory you uploaded to earlier, or use the *Browse* button to find it.

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Deploying a Web Site Factory application with MySQL

This section will guide you through the steps to deploy your *Web Site Factory* application to *WinHost*, assuming that you are using MySQL to store data on <u>WinHost</u>. You may use membership, if the standalone database option is enabled and referring to your original MySQL database.

Modify web.config

For deployment, you will need to modify the *web.config* file of your application. This is easily done by running *Code On Time Generator*, selecting your project, and navigating to the *Web Server* page. Insert the following code into the *Modification Instructions* textbox:

```
InsertAfter: /configuration/system.web/*[last()]
<trust level="Full" legacyCasModel="true" />
InsertBefore: /configuration/system.web/membership/providers/add[1]
<clear/>
```

```
InsertBefore: /configuration/system.web/roleManager/providers/add[1]
<clear/>
```

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4/24/2011 1:18:23 PM end if	m.Project xml"

This will insure that the hosting provider will allow ASP.NET to compile the web site without errors. Press *Next* to regenerate your application.

Add Data and Web Providers

At the time of this article, <u>WinHost</u> did not have the correct assemblies. In *Windows Explorer*, navigate to *C*:*Program Files (x86)**MySQL**MySQL* Connector Net 6.3.6\Assemblies*v4.0* and copy the *MySql.Data.dll* and *MySql.Web.dll* files. Paste them in the *bin* folder of your application.

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Copy Web Site Using FTP

You will now need to open your project in *Visual Studio 2010*. This can be done by pressing *File | Open Web Site*, and selecting the name of the folder containing your project. On the menu bar, press *Website | Copy Web Site*. On the *Connections* bar, press *Connect*.

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	Anonymous Login Username: username
	Password:
	vulnerable to interception.
	Open Cancel

Enter your server name, directory, and login information, and press Open.

Now, select all the files from your web site and press the right arrow to copy them over to your <u>WinHost</u> website.

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Creating Application Starting Point

Go back to the <u>WinHost</u> control panel. Select the *Application Starting Point* tool, and press *Create*. Type in the directory you uploaded to earlier, or use the *Browse* button to find it.

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Deploying a Web App Factory Application with SQL Server

This section will guide you through the steps to deploy your *Web App Factory* application to *WinHost*, provided that you are using *SQL Server*. Membership can be enabled for this process (if you would like to add membership, please skip to <u>Adding Membership to your SQL Database</u>). The connection string in your application must link to your *WinHost* database, as well as the standalone membership database option.

Modify web.config

For deployment, you will need to modify the *web.config* file of your application. This is easily done by running *Code On Time Generator*, selecting your project, and navigating to the *Web Server* page. Insert the following code into the *Modification Instructions* textbox:

```
InsertAfter: /configuration/system.web/*[last()]
<trust level="Full" legacyCasModel="true" />
```

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InsertAfter: /configuration/system.web/*[last()] <trust legacycasmodel="true" level="Full"></trust>	*

Publish Site with FTP

You will need to open the website in *Visual Studio*. This can be done by pressing the *Develop* button next to its name on the home page of *Code On Time Generator*.

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This is the list of the projects that you have created. Click on the project name to open and generate the one more time. Note that most projects will automatically backup the previous version of the source code generating and overwriting the existing files.	e project e prior to Re: New Community is now online!
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Create new web application. Open "NWM2" in Visual St Open "NWM2" in Visual St Request help with your project. Buy a product edition now. Buy our consulting services online.	udio to start development. Event The out of the control 22: 16:03 UT the quake (@gmail.com (Bron Davies)) I'm looking into this right now - 1'll let you know what I find but any assistance would be appreciated. Re: idle user timeout

In the *Solution Explorer*, navigate to *MyCompany/WebApp/Default.aspx*. Right-click and press *Set As Start Page*. On the menu, go to *Build | Publish*. Change *Publish Method* to "FTP", enter your connection information, and press *Publish*.

🐱 MyCompany - Microsoft Visual Studio		
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i Publish: Create Publish Settings 🔹 😪 🚽 🚽	Publish profile:	Solution Explorer • 7 × 14
Big	Publish uses settings from "Package/Publish Web" and "Package/Publish SQL" tabs in Project Properties. Find Web hosting provider that supports one-click publish. Publish Build configuration: Debug Use Build Configuration Manager to change configuration Publish method: FTP • Target Location: ftp://WinHost.com/northwind © Replace matching files with local copies © Delete all existing files prior to publish Credentials © Passive Mgde © Anonymous Login User game: username Passyord: •••••••	↓ Solution 'MyCompany' (3 projects) ↓ Ø MyCompany ▶ Ø Properties ▶ ■ References ▶ □ Controllers ▶ □ Controllers ▶ □ Controllers ▶ □ Scripts ▶ □ Scripts ▶ □ Scripts ▶ □ Therme ▶ □ Af ▶ □ Metaut.appx ↓ Global.asax □ Methorship.aspx ▶ ₩exb.config
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Creating Application Starting Point

Go back to the <u>WinHost</u> control panel. Select the *Application Starting Point* tool, and press *Create*. Type in the directory you uploaded to earlier, or use the *Browse* button to find it.



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Deploying a Web App Factory Application with MySQL

This section will guide you through the steps to deploy your *Web App Factory* application to *WinHost*, assuming that you are using MySQL to store data on <u>WinHost</u>. You can have ASP.NET membership enabled, and it must be referring to your original MySQL database.

Modify web.config

For deployment, you will need to modify the *web.config* file of your application. This is easily done by running *Code On Time Generator*, selecting your project, and navigating to the *Web Server* page. Insert the following code into the *Modification Instructions* textbox:

```
InsertAfter: /configuration/system.web/*[last()]
<trust level="Full" legacyCasModel="true" />
InsertBefore: /configuration/system.web/membership/providers/add[1]
<clear/>
```

```
InsertBefore: /configuration/system.web/roleManager/providers/add[1]
<clear/>
```

🕲 Web Server - Code OnTime	
	YouTube Blog Newsgroup http://www.codeontime.com
Please specify application execution preferences.	
Web Server	
You may choose to test the generated application right after the completion of the code generation. This feature requires Microsoft Vis your computer. The Web Developer web server will be started automatically if you request to run the generated application.	sual Web Developer 2008 installed on
Run application upon completion of code generation.	
Web Server Port: 52170	E
The web.config file of the generated project is always overwritten. You many need to make changes to the <i>web.config</i> file to link cust custom entries required for your project. Use AppendChild, InsertBefore, and InsertAfter instructions to make precise custom changes the project. Place instruction followed by ":" and <i>XPath</i> expression leading to existing node followed by XML snippet.	tom component libraries and enter to the generated configuration file of
Web.Config modification instructions:	
InsertAfter: /configuration/system.web/*[last()] <trust legacycasmodel="true" level="Full"></trust>	*
InsertBefore: /configuration/system.web/membership/providers/add[1] <dear></dear>	
InsertBefore: /configuration/system.web/roleManager/providers/add[1] <dear></dear>	
Cancel	Back Next
4/24/2011 1:18:23 PM if test="notfile/@name="DataAquarium.Project.xml")" 4/24/2011 1:18:23 PM test passed 4/24/2011 1:18:23 PM copy input="[Documents]\Code On Time\Library\Data Aquarium\DataAquarium.Project.xml" output="DataAquarium 4/24/2011 1:18:23 PM end if	n.Project xml"

This will insure that the hosting provider will allow ASP.NET to compile the web site without errors. Press *Next* to regenerate your application.

Add Data and Web Providers

At the time of this article, <u>WinHost</u> did not have the correct assemblies. In *Windows Explorer*, navigate to *C:\Program Files (x86)\MySQL\MySQL Connector Net 6.3.6\Assemblies\v4.0* and copy the *MySql.Data.dll* and *MySql.Web.dll* files.

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MSXML 4.0	NySql.Data.Entity.dll	1/2/2011 11:55 AM	Application extens	221 KB			
MySQL Connector Net 6.3.6	🚳 MySql.Web.dll	1/2/2011 11:55 AM	Application extens	90 KB			
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↓ v2.0							
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鷆 Samples							
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2 items selected Date modified: 1/2 Size: 43	2/2011 11:55 AM Date created: 1/2 5 KB	2/2011 11:55 AM					

Paste them in the *WebApp\bin* folder of your application.

) ×
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Publish Site With FTP

You will need to open the website in *Visual Studio*. This can be done by pressing the *Develop* button next to its name on the home page of *Code On Time Generator*.

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Create new web appl Download User Guide Request help with yo Buy a product edition	ication. and Cookbook. ur project. now.	Open "SakilaNM" in Visual Studio to development.	start After Import Event 05 Apr 2011 22:16:03 UT thequake@gmail.com (Bron Davies) I'm looking tho this right now -1'll let you know what I find but any assistance would be appreciated.
Buy our consulting se	nvices online		

MyCompany - Microsoft Visual Studio			-			
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Now drag the /bin folder in the WebApp to add it to your project.

In the *Solution Explorer*, navigate to *MyCompany/WebApp/Default.aspx*. Right-click and press *Set As Start Page*. On the menu, go to *Build | Publish*. Change *Publish Method* to "FTP", enter your connection information, and press *Publish*.

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Publish uses settings from "Package/Publish Web" and "Package/Publish SQL" tabs in Project Properties. Find Web hosting provider that supports one-click publish. Publish Build configuration: Debug Use Build Configuration Manager to change configuration Publish method: FTP Target Location: ftp://WinHost.com/northwind Replace matching files with local copies Delete gll existing files prior to publish Credentials Passive Mgde Anonymous Login User game: username Password: Show output from: Close	 Properties Properties Properties Controllers Controllers Controllers Controllers Scripts Scripts Security Services Therme Web Sandbox References DAF Help Default.aspx Global.asax Menhership.aspx WebApp References DAF Peges Controls DAF Peges Controls DAF Peges Global.asax Min.master web.cofig WebSitemap WebSitemap
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Creating Application Starting Point

Go back to the <u>WinHost</u> control panel. Select the *Application Starting Point* tool, and press *Create*. Type in the directory you uploaded to earlier, or use the *Browse* button to find it.

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Adding Membership to Your SQL Database on WinHost

If you would like to add membership to your SQL database in WinHost, follow these instructions:

1. Start *aspnet_regsql.exe* from *Windows Explorer* as shown in picture. The path to your instance of *aspnet_regsql.exe*:

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🌗 L2Schemas	EdmGen.exe	3/18/2010 4:47 PM	Application	83 KB	3
🐌 LiveKernelReports	dfsvc.exe	3/18/2010 1:16 PM	Application	12 KB	3
🍌 Logs	DataSvcUtil.exe	3/18/2010 4:47 PM	Application	59 KB	}
🍌 Media	Cvtres.exe	3/18/2010 1:16 PM	Application	31 KB	3
Microsoft.NET	💷 csc.exe	3/18/2010 1:16 PM	Application	1,927 KB	3
assembly	ComSvcConfig.exe	3/18/2010 4:47 PM	Application	160 KB	3
퉬 authman	CasPol.exe	3/18/2010 1:16 PM	Application	93 KB	3
퉬 DirectX for Managec 📰	aspnet_wp.exe	3/18/2010 4:47 PM	Application	32 KB	3
Framework	aspnet_state.exe	3/18/2010 4:47 PM	Application	35 KB	3
URTInstallPath_GA	aspnet_regsql.exe	3/18/2010 4:47 PM	Application	101 KB	3
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July 1.1.4322	aspnet_regbrowsers.exe	3/18/2010 4:47 PM	Application	20 KB	3
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July v3.0	AppLaunch.exe	3/18/2010 1:16 PM	Application	104 KB	3
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Framework64	AddInProcess.exe	3/18/2010 1:16 PM	Application	29 KB	}
aspnet_regsql.exe Da Application	te modified: 3/18/2010 4:47 PM D Size: 100 KB	ate created: 3/18/2010 4:47 PM			

C:\%windir%\Microsoft.NET\Framework\<versionNumber>\aspnet_regsql.exe

2. Click the Next button in ASP.NET SQL Server Setup Wizard:



3. Select the first option and continue to the next step to configure *SQL Server* for application services:

🕸 ASP.NET SQL Server Setup Wizard		x
Select a Setup Option		
What database task do you want to perform?		
Onfigure SQL Server for application services		
This option runs a script that creates a new database or configures an existing databas information for ASP.NET membership, profiles, role management, personalization and event provider.	se to store SQL Web	
\bigcirc <u>R</u> emove application services information from an existing database		
This option removes information about ASP.NET membership, profiles, role manageme personalization and SQL Web event provider from the database. Note: This process ca undone.	ent, annot be	
Note: To configure the database for additional features such as session state or SQL cache depen aspnet_regsql at the command line. For help with command line options, use the "-?" switch.	dency, run	
< <u>P</u> revious <u>N</u> ext > <u>F</u> inish	Cance	el

4. Enter your *WinHost* server as a server name. Select *SQL Server authentication* and enter your login credentials. Type in your database name. Keep pressing *Next*, and membership will be configured.

SP.NET SQL	Server Setup Wizard		x
SQL Sel	lect the Server and Database		
Specify the SQL connecting to th	Server name, database name to create or remove, and the credentials to use e database.	when	
Note:	The credentials must identify a user account that has permissions to create o database.	r remove a	
Server:	s04.winhost.com		
⊖ <u>W</u> indows aut	hentication		
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