

AppWizard

Installation/Upgrade Guide (v.4.00)

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1 Introduction

This manual is intended for the installation or upgrade of AppWizard 5.00. Please ensure that all steps are followed to ensure a satisfactory installation/upgrade.

The Upgrade option will only work for installations of AppWizard 3.00 or later. If you have an older version of AppWizard, you can still perform the upgrade, but no guarantees can be made that AppWizard or the developed applications will fully work after the upgrade.

2 IIS Prerequisite

AppWizard runs as an ISAPI service on IIS. The PC/Server where AppWizard will be installed must have IIS installed.

A new installation will install on the Default Web Site. If you would prefer to move the installation to a different web site, please do so manually after installation.

3 SQL Server Prerequisite

AppWizard runs on an SQL Server database as the back-end of the system. SQL Server 97 and 2000 are supported, but there will be limitations on the size of Stored Procedures (maximum 16000 characters). SQL Server 2005 and 2008 do not have this restriction.

4 Installation Procedure

4.1 Step 1 – IIS must be installed

Make sure that IIS (Internet Information Server) is installed on the computer you would like to use as a host. To test if it is installed, open Internet Explorer on the computer and type the address **http://localhost** in the address line. If a page opens, even if the page indicates that no home page exists, IIS is installed. If the page indicates that the server could not be found, then IIS is not installed.

If IIS is not installed, follow these steps to install it. Note that this will only work on Windows XP Professional, Windows 2000 Server, and Windows 2003 Server. Windows Small Business Server should have IIS installed by default.

Step 1: Open Control Panel

In most cases you can find the Control Panel using Start – Settings – Control Panel.

Step 2: Switch to Classic View

If you see categories of actions that you can perform you have to switch to classic view using the task list on the left of the Control Panel window. If you see a lot of icons you are already in

classic view. In Windows 2003 server Control Panel could be part of the Start menu, so just follow the links.

Step 3: Open “Add or Remove Programs”

One of the programs available is “Add or Remove Programs”. Open this program.

Step 4: Open “Windows Components”

One of the sections available, either on the tabs above or on the left, gives you the option to change the “Windows Components”. Select that tab.

Step 5: Select “Internet Information Services (IIS)”

Select the “Internet Information Services (IIS)” option. You can accept all the default selections for it.

Step 6: Install the selected programs

Install IIS and its components by clicking on the “Next” or “Install” button. You will need to have your installation CD available to install these files. Note that, depending on your version of Windows, it might need to be restarted.

Step 7: Verify that IIS was installed correctly

Open Internet Explorer and type **http://localhost** into the address bar. Hit Enter and see if the local web service opens. If all went well, you should see some information about IIS.

4.2 Step 2 – Ensure a Static IP address

If you will only be using the single computer, you can skip this step.

Make sure that the host computer (the one with IIS) has a static (fixed) IP address. This IP address will be the address used by other computers to connect to the host computer. Advanced users can also use a DNS name (this is not covered in this document).

To find out what the host computer’s IP address is, open a DOS or Command Prompt window and type the command **IPCONFIG**. The IP address of your network card will be displayed.

You also need to set up the other computers on the network to be able to log in to the host computer (this is not explained in this document).

4.3 Step 3 – Check for the Scripts folder

In the **C:\InetPub** folder on the host computer there should be a **wwwroot** and **scripts** folder.

On some operating systems the scripts folder is not mounted as part of the default web site. To mount this folder, open the Internet Information Service program in the “Administrative Tools” folder in Control Panel. Open the folders in this program until you get to the Default Web Site and you see a list of files and folders on the right frame.

If the Scripts folder is not part of this list, you need to add it.

To add the Scripts folder, right click on the Default Web Page name in the left frame. Select New... and then Virtual Directory...

The Alias to use is "Scripts" and the directory is "C:\InetPub\Scripts".

The access permissions should include Read, Run scripts, and Execute. Write and Browse must not be enabled.

4.4 Step 4 – Remove Guest access from the Web Page

By default the IIS web page allows guest access (e.g. a user doesn't need to log in to view the pages). You need to remove this access. AppWizard required integrated Windows security.

Open the Internet Information Services control panel program and follow the folders in this program up to the Default Web Site. Right click on the Default Web Site and open the Properties.

Open the **Directory Security** tab and Edit the **Anonymous access and authentication** control. Un-tick the Anonymous access and enable the Integrated Windows Authentication option.

Accept all the changes IIS would like to do.

4.5 Step 5 – Install MSDE or SQL Server or SQL Server 2005 Express

If you want to install a full version of SQL Server or SQL Server 2005 Express, you can do so. The installation of SQL Server will not be covered by this documentation.

To install MSDE, download the latest copy of MSDE from www.microsoft.com/msde.

Extract MSDE into a folder on your C-Drive. Copy AppWiz.bat from the AppWizard installation into the same folder you extracted MSDE into.

Run the AppWiz.bat file. This will install MSDE with the correct parameters into a folder called C:\MSSQL. If you want to install it somewhere else, edit the .bat file.

You can now either restart the host computer to start the MSSQL SERVICE or do it manually using the Services control panel program. It is suggested that you restart the computer.

4.6 Step 6 – Create the AppWizard database & ODBC setup

MSDE

Copy the contents of the AppWizard Database folder to the MSDE folder (the folder where you extracted the MSDE files). Run the Create.bat file. If all works well, a cmd prompt window should open and a lot of numbers should scroll through the screen. The database will be set up after this window is closed.

If the screen pops up very quickly and disappears again, then the files are not copied into the correct folder.

SQL Server or SQL Server 2005 Express

If you have Microsoft SQL Server (a full version or 2005 express) installed, open Query Analyzer on the master database. Open the file CreateAppWizard.sql. You will need to alter the locations of the files before running the script.

ODBC

Now you need to set up the ODBC connection to the AppWizard database. Again open the Control Panel's Administrative Tools folder.

Open the "Date Sources (ODBC)" program. Open the System DSN tab. Click on the Add button.

Select "SQL Server" and click on Finish.

Specify the name as **AppWizard**, description as **AppWizard** and select **(local)** as the server. (If you use MSSQL you must select the correct server name.) Click on Next.

Select the "With SQL Server authentication" option. Make sure the "Connect to SQL Server to obtain.." option is selected. The Login ID is **sa** and the password is also **sa**. (The username and password might be different if you are using MSSQL.) Click on Next.

Accept all the default options and click on Next and then on Finish.

To ensure that everything is set up correctly click on the Test Data Source button. The test should be successful.

4.7 Step 7 – Copy the Scripts and WwwRoot files

Copy the contents of the Scripts folder in the program installation to the C:\InetPub\Scripts folder.

Copy the contents of the WwwRoot installation folder into the C:\InetPub\wwwroot folder. Ensure that all sub-folders are also copied.

4.8 Step 8 – Test the program

AppWizard should now be fully installed.

To test it, open the Internet Explorer program. In the address bar insert **http://localhost**

4.9 Step 9 – Set up the AppWizard Admin user

You should see the Administrator Login page of AppWizard. Make a note of the username that is displayed in bold. If this is not going to be the admin user, then log off and log in as the user who will be the admin user.

Log in using the Administrator Password, which defaults to **admin**, it is suggested that you change this as soon as possible.

Open User Administration.

Add a new user. The login name is the name that was displayed in bold on the login screen. The known name is the user name and the surname is the user's surname.

After adding the user, select the user to edit in the list below.

Select the Admin group and add it to the user.

To test if this works, log out as Administrator. If every worked fine, you should see the AppWizard home page.

5 Support

If you require any installation support, please read the FAQ pages on <http://www.appwizard.co.za>.

If you do not find the solution you are looking for, please use the feedback page to inform us of your problem or send e-mail to support@appwizard.co.za