



myLittleAdmin for SQL Server 2005

Installation Guide

version 3.1

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OVERVIEW

myLittleAdmin for SQL Server 2005 is a web-based MS SQL 2005 database administration tool. It allows you to manage almost all objects of your SQL Servers and databases, including the new MS SQL 2005 objects (database snapshots, synonyms, credentials, etc...)

CONFIGURATION REQUIREMENTS

myLittleAdmin for SQL Server 2005 requires the following configuration:

- Microsoft Windows 2000, 2003 or XP Pro
- Microsoft IIS 5 or further
- Microsoft SQL Server 2005
- Microsoft .NET framework 1.1 or 2.0
- A web browser that supports XHTML and CSS2

myLittleAdmin for SQL Server 2005 **does not work with Microsoft SQL Server 2000.**

INSTALLATION AND CONFIGURATION

1. Open the .zip file and extract it to a folder within the scope of your site. Be sure to extract all the sub-folders.
2. Edit the config.xml file (located at the root of the application)
3. Enter your SQL Server address and name in the <sqlservers> node of the XML document:

```
<sqlservers>
  <sqlserver address="127.0.0.1" name="localhost" />
  <sqlserver address="P27SRV\SQL2K5" name="Prod. SQL Server" />
  ...
</sqlservers>
```

4. Copy your license file (license.config) in the root folder of myLittleAdmin
5. If you want myLittleAdmin to run with .NET 2.0 runtime, then copy the DLLs files from the /bin/FrameWork2.0 folder into the /bin folder.
6. Setup your installation folder as a web application (you can do this through your IIS control panel or your web-host control

panel). If you do not have the rights to setup your installation folder as a web application, then you must copy the whole content of the /bin folder into the /bin folder of your website.

7. You can now access myLittleAdmin at the following address
<http://www.yourServer.com/yourInstallFolder/>

ADDING A NEW INTERFACE LANGUAGE

myLittleAdmin for SQL Server 2005 can support multi-language. Please follow the instructions below to localize myLittleAdmin in your own language.

1. Edit the config.xml file located at the root folder of myLittleAdmin. Add a new language node to the <languages> node with your language culture and name. For instance:

```
<languages>
  <language culture="en-US" name="English" />
  <language culture="fr-FR" name="French" />
  <language culture="ja-JP" name="Japanese" />
  ...
</languages>
```

2. Create a new folder in the **/bin** folder of myLittleAdmin. Name it with the culture name of your language. For instance, if you want to add a Japanese translation, then you create a new **ja-JP** folder.
3. Copy files **strings.resources** and **compileRes.bat** located in the **/bin** folder of myLittleAdmin in your newly created folder, and rename **strings.resources** file into **strings.ResourceName.resources**.
For instance : **strings.ja-JP.resources**
4. Edit this resource file with a resource editor application. You can download and use the free Resourcer for .NET by Lutz Roeder:
<http://www.aisto.com/roeder/DotNet/>
5. Now you must translate all the entries from your resource file in your own language.
6. At last, you just need to compile the resource file in a DLL. To do that, you need the **Assembly Linker** application to be installed on your computer. You can find this application in the **Framework SDK** (you can download it here:
http://msdn.microsoft.com/netframework/downloads/framework1_1/)

7. Edit the **compileRes.bat** file and change the line to (this sample is for ja-JP culture)

```
C:\WINNT\Microsoft.NET\Framework\v1.1.4322\al.exe  
/embed:strings.ja-JP.resources,strings.ja-JP.resources  
/out:strings.resources.dll /c:ja-JP
```

8. Launch the **compileRes.bat** batch file by double-clicking on it. You should now have a **strings.resources.dll** located in your language folder.
9. Launch myLittleAdmin and choose your language in the **Preferences** section

ENABLING/DISABLING FEATURES

Each feature of myLittleAdmin can be enabled/disabled. Please follow the instructions below:

1. Feature settings are located in the **xml/profile/default.xml** file. Edit the **xml/profile/default.xml**.
2. Set to **true** or **false** the feature you want to enable or disable.
3. Relaunch myLittleAdmin

Remarks :

- **System Database:** In order to disable the possibility to list **System databases**, you need to edit the **xml/treeviewdatabase.xml** file and to remove the **D10** node
- **Security:** In order to disable the possibility to list **Logins / Server roles / Credentials**, you need to edit the **xml/treeviewsecurity.xml** file and to remove the selected node.
- **Server Objects section:** In order to disable the possibility to list **Backup Devices / Linked servers / Triggers**, you need to edit the **xml/treeviewserverobjects.xml** file and to remove the selected node.

CONFIGURING WEB HOSTING BACKUP AND RESTORE WIZARDS

myLittleAdmin for SQL Server 2005 version 3.1 offers 2 new wizards which have been specially developed for (and with) web hosting companies. These 2 wizards allow users to backup a database and download the backup file to their local machine and to upload a backup file from their local machine in order to restore their database.

1. Edit the **config.xml** file located at the root folder of myLittleAdmin and go to the **<tools>** section

```
<tools>
  <backupwh
    backupfolder="\\Server\dbbackup\"
    backupurl="http://myLittleAdmin.webhost.com/dbbackup"
  />
  <restorewh
    uploadfolder="\\Server\dbupload\"
    deleteafterrestore="true"
  />
</tools>
```

2. Use the **<backupwh>** section to configure Backup wizard and **<restorewh>** section to configure the Restore wizard.
3. In the **backupfolder** property, specify the full path to the folder where backup files will be stored. SQL Server must be able to access this folder and have write permission. It means that you may need to use UNC path if IIS and SQL Server are not on the same box.
4. In the **backupurl** property, specify the URL to access the folder previously specify in the **backupfolder** property. To do that, you must define a new virtual folder for your myLittleAdmin virtual directory in your IIS console. For security reason, we recommend to disallow the content list.
5. In the **uploadfolder** property, specify the full path to the folder where user backup file will be uploaded. SQL Server must be able to access this folder. ASPNET user must have read/write permissions on this folder. It means that you may need to use UNC path if IIS and SQL Server are not on the same box.

6. Set **deleteafterrestore** property to true if you want the upload file to be deleted after restore, else false.

Remarks:

- For security reasons, uploaded backup file are renamed before restore.
- Backup files are not deleted after download. You may need to manually delete backup files to retrieve disk space.
- Only databases with a single ROWS file can be restored with the restore wizard.
- In order to be able to restore a database, myLittleAdmin restricts access to the database to SINGLE_USER. Once the restore has been done, the access is set back to MULTI_USER. In case of failure, you may need to manually set the access back to MULTI_USER with the following T-SQL query: **ALTER DATABASE [dbName] SET MULTI_USER**