RemoteTM LAN Server User Guide

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Contents

Introduction

RemoteTM is a family of servers designed for sharing the special Internal database engine used in *Swordfish III* in LAN environments (**LAN Server** version) or over the Internet (**Web Server** version).

RemoteTM LAN Server is a cross-platform database server designed for holding multilingual translation memories to be shared in a LAN (Local Area Network) environment that uses the standard IP ranges reserved for private networks:

Network Class	IP Range
Class A	10.0.0.0 - 10.255.255.255
Class B	172.16.0.0 - 172.31.255.255
Class C	192.168.0.0 - 192.168.255.255
localhost	127.0.0.1

Supported Platforms

- Microsoft Windows (7 and 8)
- Mac OS X 10.7/10.8 (Lion - Mountain Lion)
- Linux with GTK2 (i386 and x86_64)

Requirements

- Java 1.6/1.7 from Sun Microsystems or Oracle on Linux/Windows. Java 1.6 from Apple or Java 7 from Oracle on Mac OS X.
- WebKitGTK+ 1.2.x is required to run on Linux systems.

GNOME classic desktop manager is recommended for Linux. Some features may not work in other desktop managers.

LAN Server

RemoteTM LAN Server adds an icon to the system tray. Clicking on that icon opens a menu that lets you control the application.

The following picture portrays RemoteTM LAN Server menu:
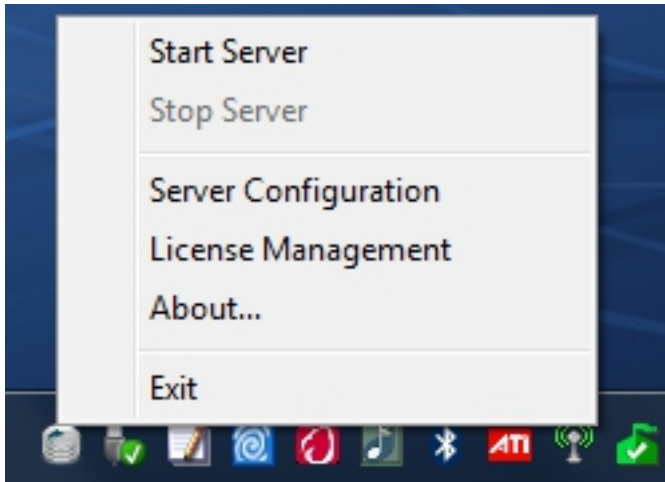
System Tray Menu

| Start Server	Start the RemoteTM database engine.
Stop Server	Stop the RemoteTM database engine.
Server Configuration	Open a dialog for configuring database server options.
License Management	Display a dialog for licensing the program.
About...	Display a dialog with license status, program version and sytem information (memory and network interfaces).
Exit	Stop the RemoteTM database engine if it is running and close the application.

Server Status

The icon displayed by the application in the system tray indicates the status of the RemoteTM database engine.

	The database engine is stopped.
	The database engine is running.

Server Configuration

1. In the **System Tray** menu of RemoteTM LAN Server, select **Server Configuration**.
   The following dialog appears:
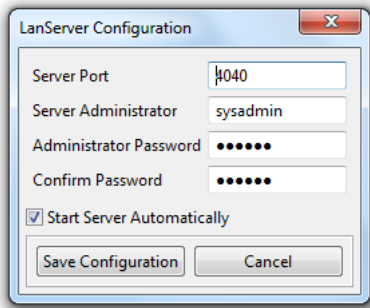
2. In the **Server Port** text box enter the port number in which the database server will listen for client requests. The default port number is **4040**.

3. In the **Server Administrator** text box type the user name to use when conecting to the server from *Swordfish III*. The default server administrator user ID is "**sysadmin**".

4. In the **Admininstrator Password** text box type the password to use when connecting to the server from Swordfish III. The default server administrator password is "**secure**".

5. Type again the server administrator password in the **Confirm Password** text box.

6. Check the **Start Server Automatically** check box if you want the database engine to start automatically when you start the application.

7. Click the **Save Configuration** button to save the new configuration.

Database Management

Databases served by RemoteTM LAN Server are created and deleted using *Swordfish III*.
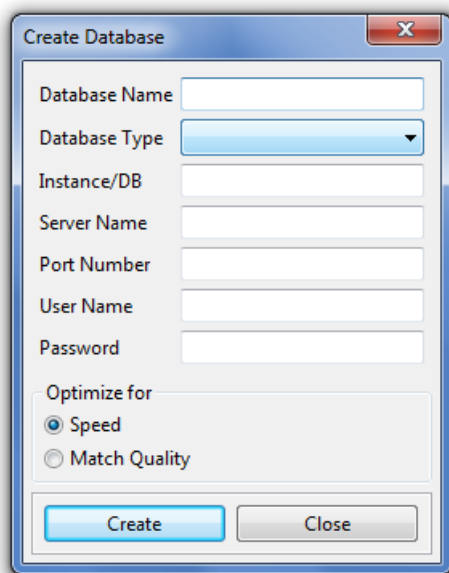
When accessing RemoteTM LAN Server from a network, make sure that the TCP port used by the server is open in the server firewall and also in the firewalls of the client computers.

☞ **Note:** You can use the **About...** option from the **System Tray Menu** to find out the IP addresses in which the RemoteTM LAN Server listens to clients' requests.

Create Database

Steps for creating a RemoteTM database using Swordfish III.

1. In the **Database** menu, select **Create Database**.
   The following dialog appears:

2. In the **Database Name** text box enter a name for the database.
   Only latin characters, numbers and underscores are allowed in a database name.

3. Select **RemoteTM** in the the **Database Type** drop-down list.

4. Type the server name or IP in the **Server Name** text box.

5. Type the port in which the database server accepts requests in the **Port Number** text box.
   The default server port is **4040**.

6. Type the ID of the Server Administrator user in the **User Name** text box.
   The default Server Administrator ID is "**sysadmin**".

7. Type the password corresponding to the selected user in the **Password** text box.
   The default Server Administrator password is "**secure**".

8. Select database optimization. Available options are:

Option	Description
Speed	Designed to prioritize speed in import and search operations.
Match Quality	Designed to improve retrieval of matches from the database. Requires more space on disk.

Always select **Match Quality** optimization when creating databases used for holding terminology data.

9. Click the **Accept** button to create the database.
A confirmation dialog is displayed.

A database with the given name is created in the selected RemoteTM instance.

Remove Database Permanently

Steps for deleting a RemoteTM database permanently using Swordfish III.

1. In the **Database** menu, select **Browse Database Server**.
The following dialog appears:
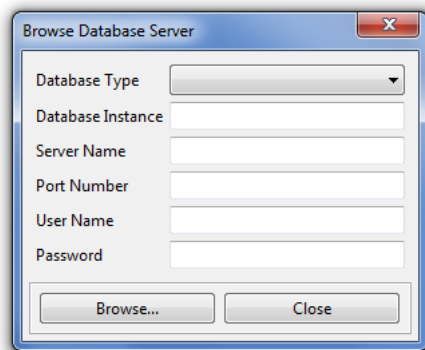
2. Select **RemoteTM** in the **Database Type** drop-down list.
3. Type the server name or IP in the **Server Name** text box.
4. Type the port in which the database server accepts requests in the **Port Number** text box.
The default server port is **4040**.
5. Type the ID of the Server Administrator user in the **User Name** text box.
The default Server Administrator ID is "**sysadmin**".
6. Type the password corresponding to the selected user in the **Password** text box.
The default Server Administrator password is "**secure**".
7. Click the **Browse...** button.
The following dialog appears:
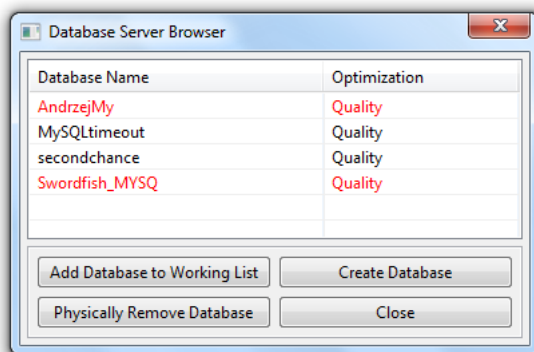
8. Select the database that you want to remove in the database list.
9. Click the **Physically Remove Database** button.
   A confirmation dialog appears.
10. Confirm the delete operation.
11. Click the **Close** button to dismiss the **Database Server Browser** dialog.
12. Click the **Close** button to dismiss the **Browse Database Server** dialog.

Backup Databases

Backup of RemoteTM LAN Server databases can be done in three ways:

1. Exporting all databases as TMX using scripts
2. Exporting all databases as TMX using Swordfish III.
3. Using the operating system backup functions to make copies of the database files

Exporting data in TMX format is the most portable way. It allows moving data to other server engines and to other RemoteTM instances.

Database Backup Using Scripts

You can use the standard task scheduler of your operating system (**cron** on Linux, **at** or **Task Scheduler** on Windows) for exporting all databases at regular intervals using the scripts **BackupServer.bat** or **BackupServer.sh** included in RemoteTM LAN Server installers.

The scripts **BackupServer.bat** and **BackupServer.sh** require 3 parameters:

1. user name
2. password
3. directory where to store the backup

Examples:

```
C:\Program Files\RemoteTM LAN Server\BackupServer.bat sysadmin secure c:\backup
/opt/Maxprograms/RemoteTM/BackupServer.sh sysadmin secure /opt/data/TMX
```

Database Backup Using Swordfish III

1. In the **Database** menu, select **Export all Databases as TMX**.
   The following dialog appears:
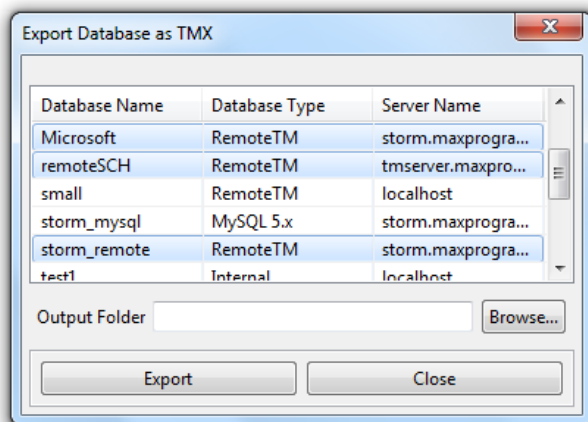
2. Select the databases that you want to export. Press and hold the **Ctrl** or **Cmd** key for selecting multiple databases with the mouse.

3. Enter the folder in which you want to store your TMX files in the **Output Folder** text box or use the **Browse...** button to select the appropriate location.

4. Click the **Export** button.

All selected databases are exported as TMX files, stored in the selected directory.

Database Backup Using the Operating System

To backup your database data using the operating system, make sure the server is not running and then make a copy of the appropriate data folder for the operating system you use.

Operating System	Data Directory
Microsoft Windows	• Tomcat running as user process: `%AppData%\RemoteTM\` • Tomcat running as service: `C:\Windows\System32\config\systemprofile\AppData\Roaming\RemoteTM\`
Mac OS X	`~/Library/Preferences/RemoteTM/`
Linux	`/opt/Maxprograms/RemoteTM/`

👉 **Note:** The default data directory used in Microsoft Windows is already included in the default set of files backed up by the operating system.

License Management

A License Key is a short text code required to continue using the application after the 30 days evaluation period.

License Keys can be purchased at *http://www.maxprograms.com/store/buy.html*

☞ **Note:**

- Registering or disabling a License Key requires an Internet connection.
- Registration data is sent to the server using TCP/IP protocol on port 9080. Open this port on your firewall during registration or the operation will fail.
- Always disable your license key before reformatting your hard disk or changing operating system.

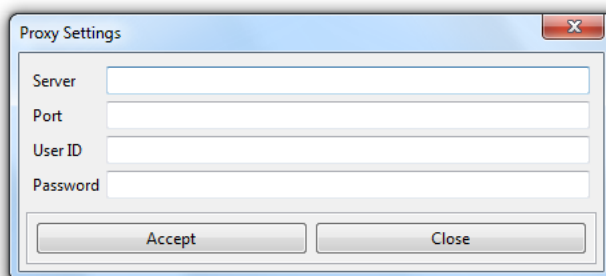## Register a License Key

1. In the **System Tray** menu of RemoteTM LAN Server, select **License Management**.
   The following dialog appears:
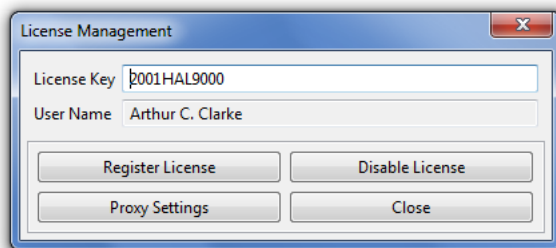
2. Type your license code in the **License Key** text box.

3. If your computer uses a proxy server to connect to the Internet, follow these steps to configure the proxy server settings:

   a) Click the **Proxy Settings** button.
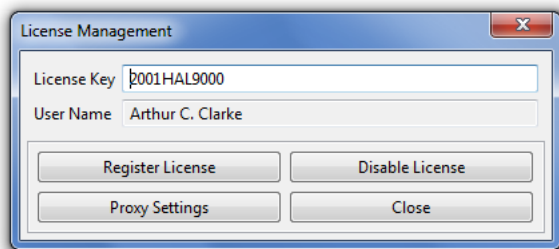   The following dialog appears:

   b) Type the proxy server name or IP in the **Server** text box.
   c) Type the proxy port number in the **Port** text box.
   d) If your proxy server requires authentication, type the proxy user name in the **User ID** text box and the corresponding password in the **Password** text box.
   e) Click the **Accept** button.

4. Click the **Register License** button.
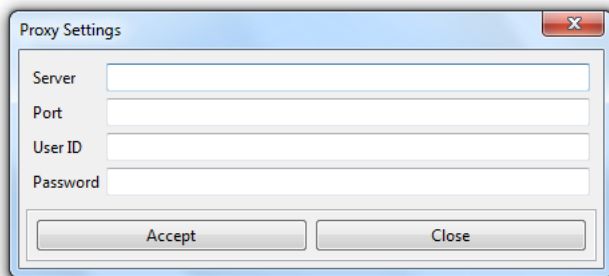
5. Click the **Close** button.

Your license key code is sent to the Registration Server and your computer is enabled to work with the registered application.

Disable a License Key

1. In the **System Tray** menu of RemoteTM LAN Server, select **License Management**.
The following dialog appears:

2. If your computer uses a proxy server to connect to the Internet, follow these steps to configure the proxy server settings:

a) Click the **Proxy Settings** button.
The following dialog appears:

b) Type the proxy server name or IP in the **Server** text box.
c) Type the proxy port number in the **Port** text box.
d) If your proxy server requires authentication, type the proxy user name in the **User ID** text box and the corresponding password in the **Password** text box.
e) Click the **Accept** button.

3. Click the **Disable License** button.
4. Click the **Close** button.

Your license key code is sent to the Registration Server and the application becomes disabled.

Transfer a License Key

Steps for transferring a working license key to a different computer.

1. Start the application in the computer where it is enabled.
2. Disable the license key.
3. Start the application in the computer that you want to use next.

4. Enable the license key.

Your license key is transfered from one computer to another.