Musition

Complete music theory training & testing

Version 3.5

Installation Guide

Rising
SOFTWARE

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User Guide Authors
Peter Lee
Hamish Moffatt
Tim Wilson

The authors may be contacted at:

Rising Software Australia Pty. Ltd. A.C.N. 077 057 213
3 Darling St,
Fairfield, VIC 3078
AUSTRALIA

Phone: +61 3 9481 3320
Fax: +61 3 9481 3380
USA Toll Free: 1 888 667 7839

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Single Computer Installation

Installation Instructions

You must have already installed Windows 95, 98, ME, NT, 2000, XP or Vista on your computer to install Musition. Installation will take approximately 15 minutes, and requires 40Mb of free hard disk space. The Musition installation will copy Musition to your hard disk and configure it for your use.

1.   Start Windows and insert the Musition CD into your CD drive.

2.   A welcome screen should automatically appear when the CD is
       inserted. If a welcome screen does not appear:

       * Click on the 'Start' menu and choose 'Run'.
       * Enter 'X:\musition\setup', where 'X' is the drive letter of your
          CD drive. Now press 'Enter' on your keyboard.

3.   The Installshield Wizard will now guide you through the setup
       process. You will need to enter your serial number at the beginning
       of the installation for Musition to work correctly. This serial number
       is located on the inside of your packaging and on your registration
       card. If you are upgrading Musition, you will also need your previous
       version serial number.

4.   Musition installation is now complete.

We require the use of 800x600 video resolution with at least 256 colours for Musition to operate correctly.

Installation Notes

Musition 3.5 will install files into two directories (folders). They will both stem off a directory called 'Rising Software'. It is **absolutely essential** that this directory structure is not altered in any way.

The 'Data3' directory holds the database which contains user, class, test, topic

and result details. There is a good reason for having these in a separate directory:

Auralia 3.5, Rising Software's ear training package will utilise the database in the data directory. This means that you will have only one set of data to deal with.

Imagine that you have 100 students using Musition 3.5 on your computer. You then add Auralia 3.5. Instead of having to print and maintain two sets of statistics for the students, you only have one. The students only need one login name and password.

Network Installation

Network Functionality

In an environment where Musition is installed on many computers (*Multi User License, Lab Pack or multiple Single Licenses required*) we recommend that you utilise your computer network (if available) to help you track student performance. **Musition supports networked record keeping.** This means that all of your student results can be stored centrally, reducing your administration load and giving students far greater flexibility regarding the choice of computer that they use.

Musition 3.5 will also automatically share data with Auralia 3.5, allowing students to use the same user names and passwords for either program. This also means that all your class setups will be shared between the programs.

General Database Information

Musition 3.5 utilises Firebird, a powerful client server relational database.

In a single computer installation, the Firebird database is automatically installed and no separate installation is required.

However, in a network enviroment, the Firebird server must be installed onto a separate computer. In most situations, this will be an exisiting file server. We support Firebird being installed onto Windows servers.

In an environment where your existing file server isn't Windows, for example Netware, you must use one of your workstations as a dual purpose server / workstation computer. Depending on the speed of the machine, this may result in a small performance penalty.

Existing Auralia 3.5 Database

If you already have Auralia 3.5 installed in a multi-user environment, you do not need to complete a full server installation. You will only need to upgrade

your database by using the db_upgrade utility on your server.

Note that you still need to configure your Musition workstations to communicate with the server database.

The db_upgrade utility will upgrade your database structure and syllabus information, and must be run before using Musition 3.5 with your existing networked Auralia 3.5 database.

On your server console, **ensure that no users are currently using Auralia 3.5** and follow the instructions below;

1.   Insert the Musition CD.

2.   Click on the 'Start' menu and choose 'Run'.

      Enter 'X:\tools\db_upgrade\db_upgrade.exe', where 'X' is the drive letter of your CD drive. Now press 'Enter' on your keyboard.

3.   The database upgrade utility will start. Follow the on-screen instructions.

Server Installation

Introduction

Firstly you need to install the Firebird database onto the server that will host your database. You will then need to run our server setup utility on your server.

Installing the Firebird Server

The Firebird server can be installed on a computer running Windows 95, 98, ME, NT, 2000, XP, Vista or 2003 Server. Note that the Firebird server will run as a service on Windows NT, 2000, XP, Vista and 2003 Server which means that you don't need to have a user logged into the system for the server to operate correctly.

It is preferrable that Firebird be installed onto a dedicated server, running a server operating system such as Windows NT, Windows 2000 Server or Windows Server 2003.

On Windows 95, 98 or ME, the Firebird server will not run as a service, but it will startup at boot time. Depending on your configuration, you may have to have a user logged in for the Firebird server to operate correctly.

To install the Firebird Server, follow the steps below.

1.   Firstly, start Windows, and insert the Musition CD into the CD drive.

2.   A welcome screen should automatically appear when the CD is inserted. Close it down.

3.   * Click on the 'Start' menu and choose 'Run'.
      * Enter 'X:\firebird\Firebird-1.5.2.4731-Win32.exe', where 'X' is the drive letter of your CD drive. Now press 'Enter' on your keyboard.

4.   The installer will now install Firebird. Follow all the defaults; you may change the install path if you wish.

Firebird Server Manager

If you followed the defaults in the Firebird setup, you can verify that Firebird is running by checking the Firebird 1.5 Server Manager, located in the Windows Control Panel.

Firebird TCP/IP Port

Firebird uses TCP/IP for all communcation, specifically port 3050. Please ensure that your computers can communcate using this port. Note that if your network is connected to the internet you do NOT have to have this port open to the outside world.

Server Setup Utility

You now need to run the the server setup utility.

1.   Firstly, start Windows, and insert the Musition CD into the CD drive.

2.   * Click on the 'Start' menu and choose 'Run'.
      * Enter 'X:\tools\setup_server\setup_server.exe', where 'X' is the drive
         letter of your CD drive. Now press 'Enter' on your keyboard.

3.   The server setup utility will startup. Follow the instructions below.

It is very important that you remember all the directories and passwords that you setup. You will need them when you are configuring your workstations. We recommend that you keep a copy of them in a secure location.

Step 1 - Rising Software Database

Now that you have installed the Firebird database engine, you must install the Rising Software database - 'rising3.fdb'. This file must live on a LOCAL DISK on your server, and should NOT BE SHARED. No users need access to this file.

1.   Select a folder using the 'Browse' button

2.   Click on the button 'Create Database'.

Step 2 - SYSDBA Password

Firebird comes with a default 'Super User' called 'SYSDBA' (SYStem DataBase Administrator). The SYSDBA user is installed automatically, with the default password of 'masterkey'. This password is widely know, and is NOT secure.

You must change the SYSDBA password to ensure that your databases cannot be compromised.

Enter your current SYSDBA password, and your new password. If you are running the server install utility for the first time, the SYSDBA password will be 'masterkey'.

1.   Enter your current password (likely to be 'masterkey' if installing for the first time) and your new password.

2.   Click on 'Change SYSDBA Password'.

Step 3 - Rising Software User

Auralia and Musition do not operate using the SYSDBA user. You need to add the Rising Software user by clicking the button below. The user is given the password 'masterkey' by default.

1.   Click on the button 'Add Rising Software User'.

You now need to change the password for the Rising Software user.

1.   Enter the new password.

2.   Click on the button 'Change Rising Software Password'.

Server File Permissions

No additional file permissions are required to run Musition in a networked environment. Unlike previous versions, Musition does not require any shares.

The database file that you installed onto your server, 'rising3.fdb' should not

have read or write access for any of your Musition users. It should not be shared in any way.

Musition communcates with the 'rising3.fdb' file through the Firebird database server, via TCP/IP.

If people do have read or write access to this file, you run the risk of serious data corruption.

Workstation Installation and Configuration

Introduction

Musition can be installed onto Windows 95, 98, ME, NT, 2000, XP or Vista workstations.

It is not possible to simply install the Musition program files onto the server and run it on each of the clients; many system DLLs, registry keys and fonts must be installed on each computer by the setup process.

Installation

Once Musition is installed on each workstation, it can easily be setup to read databases and configuration from a network server. Third-party automated installation software may make it easier to install Musition on multiple computers.

To install the Musition software onto your workstations, follow the steps below.

1. Firstly, start Windows, and insert the Musition CD into the CD drive.

2. A welcome screen should automatically appear when the CD is inserted. If a welcome screen does not appear:

    * Click on the 'Start' menu and choose 'Run'.

    * Enter 'X:\musition\setup', where 'X' is the drive letter of your CD drive. Now press 'Enter' on your keyboard.

3. The Installshield Wizard will now start. Select the 'Typical Installation' option from the 'Setup Type' dialog box.

4. The Installshield Wizard will now continue to guide you through the setup process. You will need to enter your serial number during the installation. This serial number is located on the inside front cover of

the '*User Guide*' and on your registration card. If you are upgrading Musition, you will need your previous version serial number.

The Musition program and Firebird client will now be installed onto your workstation.

Configuration

You now need to configure your workstations to connect to your server database.

1.   Ensure that you have completed the server installation process, and that your server machine is turned on.

2.   Start Musition on a workstation.

3.   Go to the 'Administration -> Network' screen.

4.   Select the option 'Use Remote Database'

Database Server Hostname / IP Address

Enter the name or IP address of your server.

Database Location and Name

This refers to the 'rising3.fdb' file and it's directory that was setup as part of the server installation process. Note that this refers to the path as it would be on the SERVER machine, NOT a mapped drive or UNC path to that folder. See the example below.

- Server installation completed on machine 'CAMPUS_SERVER'.
- Database location of 'd:\data\db\rising3.fdb' on CAMPUS_SERVER.
- Set Database Locattion and Name to be 'd:\data\db\rising3.fdb' on this screen.

This folder SHOULD NOT be shared. No user, whether Administrator, Teacher or Student, needs file level access the database folder. All communication with the Firebird database is done via TCP/IP.

Login Name

Enter 'risingsoftware' - note the use of lowercase letters.

Password

Enter the Rising Software User password that you setup during the server setup process.

Upgrade Information

Upgrade Information

If you are upgrading from Musition 2.0 or 1.0, you may transfer your user and class data using the transfer program provided on the CD. This program does not need to be installed - you simply run it from the CD. Ensure that you are not running any version of Musition when using the transfer program.

You will need to have the previous version of Musition installed for the transfer program to work correctly.

To run the transfer program, insert the Musition CD into your CD drive. If the welcome screen appears, close it down.

* Click on the 'Start' menu and choose 'Run'.

* Enter 'X:\tools\transfer\transfer', where 'X' is the drive letter of your CD drive. Now press 'Enter' on your keyboard.

Co-Existing with Older Versions

Musition 3.5 will happily co-existing with any of the following Rising Software products, but WILL NOT share databases.

> Auralia 1.5
> Auralia 2.0
> Auralia 2.1
> Musition 1.0
> Musition 2.0

Technical Support

Before contacting Rising Software Technical Support, please consult this User's Guide and the online help. If you still cannot resolve your problem or query, please contact Rising Software Technical Support through one of the methods below.

When contacting Rising Software, please have the following details on hand:

1.   The version of Musition you are using;

2.   The version of Microsoft Windows you are using;

3.   The type of sound or MIDI equipment you are using, and details of your Musition sound configuration, if it is a sound related problem;

4.   Whether Musition is installed on a network, and if so, what type;

5.   What the exact problem is, such as the exact message given by Musition, what you were doing when the error occurred (eg practising intervals, reviewing students' statistics, etc), and any other details you feel are relevant.

Internet

Rising Software maintains a web site at the following address:

 http://www.risingsoftware.com.

Consult our site before using alternative forms of communication. Listing of known bugs and program updates will be listed there.

Email

We can be contacted through email on the internet (and associated networks) at the address: *support@risingsoftware.com.*

Fax

You are welcome to fax any correspondence regarding Musition to us on +61 3 9481 3380. Please include a fax number if you wish your query to be responded to by fax.

Telephone

You can reach the Rising Software office during business hours on + 61 3 9481 3320. If you are in the USA, please call (888) 667 7839. If we are unavailable, please leave a message and we will return your call.

Post

You can reach Rising Software by post at:

> Rising Software Australia
> 3 Darling St
> Fairfield, VIC 3078
> AUSTRALIA

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