

MarTech Systems, Inc.

Borland Database Engine Networking Issues

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Here are the key things to remember in networking the Borland Database Engine (BDE) for Windows Youth Enrollment.

The following assumptions are being made to allow this document to be standardized and simple to follow.

The shared network folder will be given a share name of **YOUTH**.

The mapped network drive designation in this sample will be **M:**

The below information is the same, whether you have a peer to peer networking environment, or a client server environment.

The machine name of the desktop or server that is providing the share is

\\YOUTHSERVER

The folder/directory "example" structure should be defined on the server as indicated:

M:\YOUTH

M:\YOUTH\DATA

M:\YOUTH\LOCKS

There will be no programs or stored data in the **M:\YOUTH** folder.

Only program data should be stored in the **M:\YOUTH\DATA** folder.

End users should not store any information in the **M:\YOUTH\LOCKS** folder.

The BDE Engine will use this for networking information.

Important things to remember!

All users must have **full control/administrative** access of the

M:\YOUTH folder, and all subdirectories contained in it.

If you have multiple MarTech Systems, Inc. applications in use, there will only be one **LOCKS** folder used for all applications.

If you are using a desktop system as your server, and the application will be executed on this desktop, you must also map drive M: like any other desktop in the network.

There should be no files that reside in the **M:\YOUTH** directory. Only the **DATA** and **LOCKS** folder.

Drive **M:** must be mapped to the same share on all desktops that use the application. Do not map drive **F:** to **\\YOUTHSERVER\YOUTH** on one desktop, and then map drive **M:** to **\\YOUTHSERVER\YOUTH** on another desktop. This will cause major problems in the BDE engine.

The same drive letter, as in this example, **M:**, must be used on all desktops. This drive should be automatically mapped when the desktop system is started.

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The BDE Administrator must be configured in the following fashion:

Run the BDE Administrator program located on the Control Panel. (In Windows XP, you must be using the Classic View in the control panel to see the BDE Administrator program).

Click on the Database tab in the BDE Administrator.

Select the Alias name of **Youth**.

The path must be **M:\YOUTH\DATA**

Click on the Configuration tab in the BDE Administrator.

Click on the Plus Sign next to Configuration.

Click on the Plus Sign next to Drivers.

Click on the Plus Sign next to Native.

Select the **Paradox** database.

The Net-Dir must be **M:\YOUTH\LOCKS**

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Click on the Plus Sign next to System

Select the **INIT** entry

The Local Share must be set to **True**

Special tips to insure the BDE engine will function properly on a network, and remain functioning properly.

After your system has been properly configured, complete the following steps:

With no one using the application, search for and delete the following files, if they exist, from **M:\YOUTH** and all subdirectories.

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Note: This same set of commands can and should be used if a MarTech Systems, Inc. application is not starting properly, and is just displaying the program splash screen, then returning to Microsoft Windows.

paradox.lck

This file is created in the same path as the database path when a user is accessing a record in the database. A normal release or closing of the open record will delete this record.

pdoxusrs.lck

This file is created in the same path as the database path when a user is accessing a record in the database. A normal release or closing of the open record will delete this record.

br*.naf

These types of files are created in the same path as the database path when a user opens the software.

pdoxusrs.net

This file is created in the same path as the net-dir path when a user opens the software.

MarTech Systems, Inc. has created a tool that will automate the cleanup of these files. The tool, "MarTech Locks" will be distributed on all CDROM distribution media created after January 1, 2005. The tool can be executed from **Start-Programs-Youth Enrollment**, or you can locate the tool in **C:\PROGRAM FILES\YOUTH**

ENROLLMENT\TOOLS\LOCKSEARCH\MARTECH LOCKS.EXE. The

tool can also be downloaded <http://martechsys.zftp.com/files/>.

Then, on each respective workstation that is accessing Windows Youth Enrollment, search for and delete the following files, if they exist, from all local hard drive(s).

paradox.lck

pdoxusrs.lck

br*.naf

pdoxusrs.net

Note: This same set of commands can and should be used if a MarTech Systems, Inc. application is not starting properly, and is just displaying the program splash screen, then returning to Microsoft Windows.

The workstation users must also have **full-control/administrative** access to **C:\PROGRAM FILES\WINDOWS YOUTH ENROLLMENT** and all sub directories, as well as **C:\PROGRAM FILES\COMMON FILES\BORLAND SHARED** and all sub directories.

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MarTech Systems, Inc. understands, but does not recommend the use of the **SUBST** command. It is not suggested as a reliable command from Microsoft. Instead, all workstations should map the drive to M: on system boot.