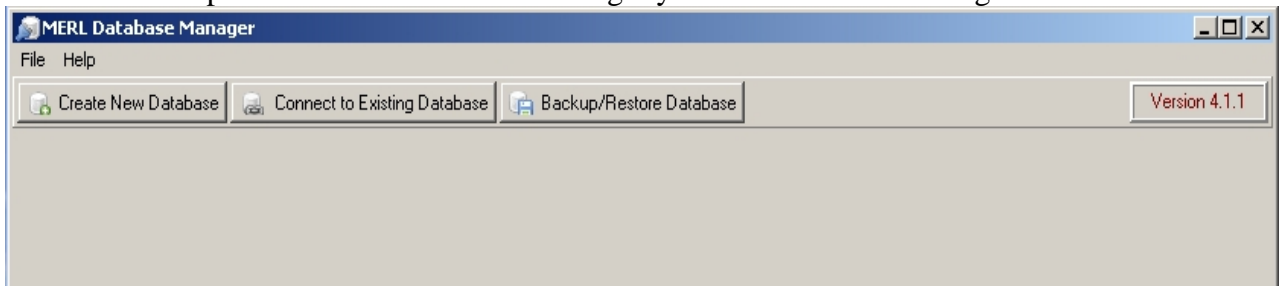


MERL Database Manager Instructions

The MERL Database Manager is a utility used to do the initial setup of the MERL database for use with MERL 4.x. You may also use the Database Manager for Backup/Restore of the MERL database as well as to connect client computers running MERL 4.x to a shared MERL database.

To run the MERL database manager, choose MI-LTAP\MERL\MERL DB Manager from your Start\Programs menu.

On initial startup of the MERL Database Manager you will see the following screen:



If you are setting up MERL 4.x for the first time, you will want to choose **Create NEW Database**.

Setting Up a NEW MERL Database



Create a new MERL Database:

Server: VMWARE:XPSP2\MERL

Database: MERL

Port: 7332

Create MERL Database **An existing database will be overwritten.**

1. Choose **Create NEW Database** from the toolbar. **Please Note:** You only want to run this option if you have not created the MERL 4.x database. If you see the **red** text, you will be overwriting an existing database.
2. Select a SQL Server from the drop-down list. If you are running in stand-alone mode and setup MSDE, you should have a server with <yourcomputername>\MERL. The DB Manager will automatically connect. If you installed the MERL SQL Express Database Server, you should have a server with <yourcomputername>\TDG. If you are connecting to another server, you will need to know the SA password for the server you are connecting to if it's not a local MSDE/SQL Express server installed from the MERL Install CD.
3. Click the **Create MERL Database** button to have the DB Manager setup the MERL database. **Please Note:** If you see the **red** text, you will be wiping out an existing MERL database, and ALL data entered will be lost.
4. Once complete, the DB Manager will save the connection settings and you will be able to run MERL 4.x to connect to this database.

Please Note: If you have a license for Microsoft SQL Server 2000 or 2005, you can set up the MERL database on that server, provided you know the SA password for the server.

Connecting Multiple PCs to a Shared MERL Database



Connect to an Existing MERL Database:

Server: UPPER

Database: MERL

Port: 7331

Test and Save Connection

1. Choose **Connect to Existing Database** from the toolbar. **Please Note:** The database must already be setup to connect. See the instructions on *Setting Up a New MERL Database*.
2. Select a SQL Server from the drop-down list wait for it to connect and load the databases.
3. Select the database from the list (most likely MERL) and click **Test and Save Connection**.
4. If a properly setup MERL 4.x database is found on the selected server, you will receive a confirmation. The DB Manager will save the connection settings and you will be able to run MERL 4.x to connect to this database.

Backing up a MERL Database

Making a backup of the MERL database allows you to take a snapshot of the entire database with all the data and shape information. The backup will be stored on the database server's hard drive and you can restore a backup over the current database.

1. Choose **Backup/Restore Database** from the toolbar. **Please Note:** The database must already be setup to connect. See the instructions on *Setting Up a New MERL Database*.
2. Select a Server from the drop-down list. If you are running in stand-alone mode and setup MSDE, you should have a server with <yourcomputername>\MERL. If you installed the MERL SQL Express Database Server, you should have a server with <yourcomputername>\TDG. The DB Manager will automatically connect. If you are connecting to another server, you will need to know the SA password for the server you are connecting to if it's not a local MSDE/SQL Express server installed from the MERL Install CD.
3. Select the Database from the drop-down list.
4. Click the **Create New Backup Device** button to setup a device which will contain one or more backups. Give the device a Description and choose the location where the file will be stored. **Please Note:** The location is relative to the server machine where the SQL Database resides.
5. The DB Manager will automatically pop up the Add New Backup dialog. Give the backup a name and description and click **Create Backup**.

Restoring a MERL Database

Making a backup of the MERL database allows you to take a snapshot of the entire database with all the data and shape information. The backup will be stored on the database server's hard drive and you can restore a backup over the current database. Performing a Restore will completely overwrite your current database with all it's data.

1. Choose **Backup/Restore Database** from the toolbar. **Please Note:** The database must already be setup to connect. See the instructions on *Setting Up a New MERL Database*.
2. Select a Server from the drop-down list. If you are running in stand-alone mode and setup MSDE, you should have a server with <yourcomputername>\MERL. If you installed the MERL SQL Express Database Server, you should have a server with <yourcomputername>\TDG. The DB Manager will automatically connect. If you are connecting to another server, you will need to know the SA password for the server you are connecting to if it's not a local MSDE/SQL Express server installed from the MERL Install CD.
3. Select the Database from the drop-down list.
4. Click to select the Device containing the backup you wish to restore.
5. Click the backup you wish to restore and click **Restore Selected Backup**.