

Open Media Library



Installation & Quick Start Guide

I. Open Media Library Installation & Quick Start Guide.....	1
II. Document Version	3
III. About Open Media Library	3
IV. Installing Open Media Library	4
i. Prerequisites:	4
ii. Optional Software:.....	4
iii. Installing Open Media Library:	5
i. Server Installation (Required):	5
ii. Client Installation (Optional):	12
V. Using the Open Media Library Database Editor	16
i. Opening the Open Media Library Database Editor	16
ii. Navigation	17
i. Menu Bar	17
ii. Media/Titles Pane	18
iii. Quick Links (bottom right corner)	19
iv. Disks/Genres/Tags	20
iii. Importing Movies into Open Media Library	20
i. DVD Profiler Import Option	20
ii. DVR-MS Movie Files Import Option.....	22
iii. Movie Collectorz Import Option	23
iv. MyMovies Import Option.....	25
v. OML.XML Import Option	27
vi. Scan Folders for DVDs and Videos Import Option.....	28
iv. Importing/Updating Metadata	30
i. Select Source for all Metadata	30
ii. Update Metadata using Preferred Sources	31
v. Customize your Database	32
vi. Maintaining your database.....	33
i. Database Tools.....	33
i. Backup database.....	33
ii. Restore a database	33
iii. Optimize database	34
ii. Delete Movies from your database	35
VI. Revision History	35

Document Version

This guide was written for the SQL beta release. The screenshots in this guide may be slightly different than what you see if you are using a version other than this version.

About Open Media Library

It all began on April 11, 2008 when a user by the call name dbldown768 [posted](#) on the forums of TheGreenButton.com that he had begun a movie library project based off of the [Niveus](#) look. A day later, dbldown768 was convinced that the project should be taken public and open source. Four days later the forum started up and, wow, a lot has happened since. Less than a year later, the Open Media Library forum has grown to over 7300 Posts in 1118 Topics by 363 Members.

Open Media Library (OML) is committed to making a product that is a one stop shop for your movie collection. With a clean interface, consistent with Vista Media Center, you can organize your movies in a way that is easy for anyone to navigate and find the movie they want to watch.

The developers are making changes everyday, getting us closer to the delivery day of the first generally available release of Open Media Library.

Installing Open Media Library

Prerequisites:

Before installing Open Media Library, you will need to have the following items installed on your machine

- Windows Vista Ultimate or Windows Vista Home Premium
 - Can be either the 32 or 64 bit platform
 - Should be up to the latest windows updates
 - Service Pack 1 for Vista had many improvements for Media Center and is highly recommended
 - TV Pack (FIJI) can be used, but this package has been known to cause unwanted results
- Microsoft Installer 4.5 (Required to install SQL)
 - Can be downloaded [here](#)
- Microsoft .NET 3.5 Service Pack 1
 - Can be downloaded [here](#)

Optional Software:

- Tools for mounting ISO's

Note: One of these will be needed if you will be doing ISO mounting of your DVD files.

- Daemon Tools
 - Version 4.12 has been verified to work. Available [here](#)
 - Should be installed into the default location.
 - See [Appendix A](#) for recommended Installation
- Virtual Clone Drive
 - Available [here](#)
 - Should be installed into the default location.

- Tools for gathering movie meta data.

Note: OML supports importing movie meta data from several different providers. Additionally, there is an internal tool for gathering meta data so these tools are not required if you do not currently have them installed.

- DVD Profiler
 - Available [here](#)
 - OML supports DVD Profiler version 3.1.1 and 3.5 Beta 1
 - Should be installed into the default location
- MyMovies
 - Available [here](#)
- Movie Collectorz
 - Available [here](#)

Installing Open Media Library:

NOTE While Open Media Library is still being developed, there will be frequent builds available on the [Open Media Library web page](#). These daily builds are NOT official releases and may contain bugs/defects.

Server Installation (Required):

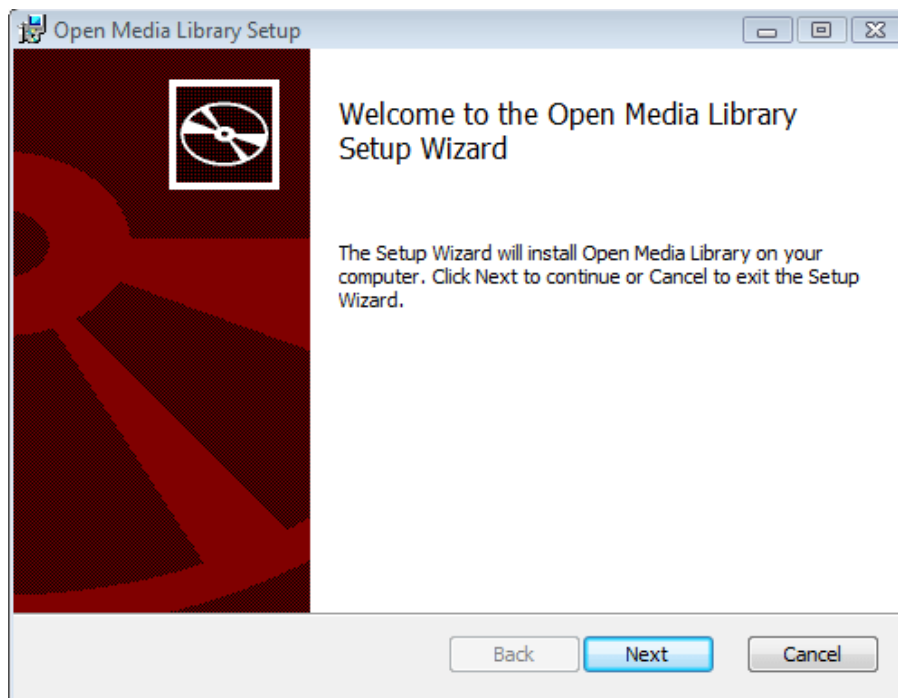
About:

The server installation is used to set up your database and is a required component. The server installation will install both the server and client components.

1. To install Open Media Library, download the latest release of the Open Media Library program from the [Open Media Library web page](#). The official releases are noted with **Featured** next to the install link. Click on the link to download the appropriate server installation file (32 bit (x86) or 64 bit (x64)).

Filename ▾		Summary + Labels ▾		Uploaded ▾	Size ▾	DownloadCount ▾	...
omlsetup-0.21b-x64-09242008.msi	Open Media Library 0.21b Daily Build - (r795) 09/24/2008 (x64)			12 hours ago	6.5 MB	11	
omlsetup-0.21b-x86-09242008.msi	Open Media Library 0.21b Daily Build - (r795) 09/24/2008 (x86)			12 hours ago	6.5 MB	41	
omlsetup-0.21b-x64-09232008.msi	Open Media Library 0.21b Daily Build - (r790) 09/23/2008 (x64)			36 hours ago	6.4 MB	16	
omlsetup-0.21b-x86-09232008.msi	Open Media Library 0.21b Daily Build - (r790) 09/23/2008 (x86)			36 hours ago	6.4 MB	116	
omlsetup-0.21b-x64-09152008.msi	Open Media Library 0.21b Daily Build - (r730) 09/15/2008 (x64)			Sep 15	6.4 MB	76	
omlsetup-0.21b-x86-09152008.msi	Open Media Library 0.21b Daily Build - (r730) 09/15/2008 (x86)			Sep 15	6.4 MB	316	
omlsetup-0.21b-x64.msi	Open Media Library 0.21 Public Beta (X64) Featured			Aug 12	1.3 MB	467	
omlsetup-0.21b-x86.msi	Open Media Library 0.21 Public Beta (X86) Featured			Aug 12	1.3 MB	1394	

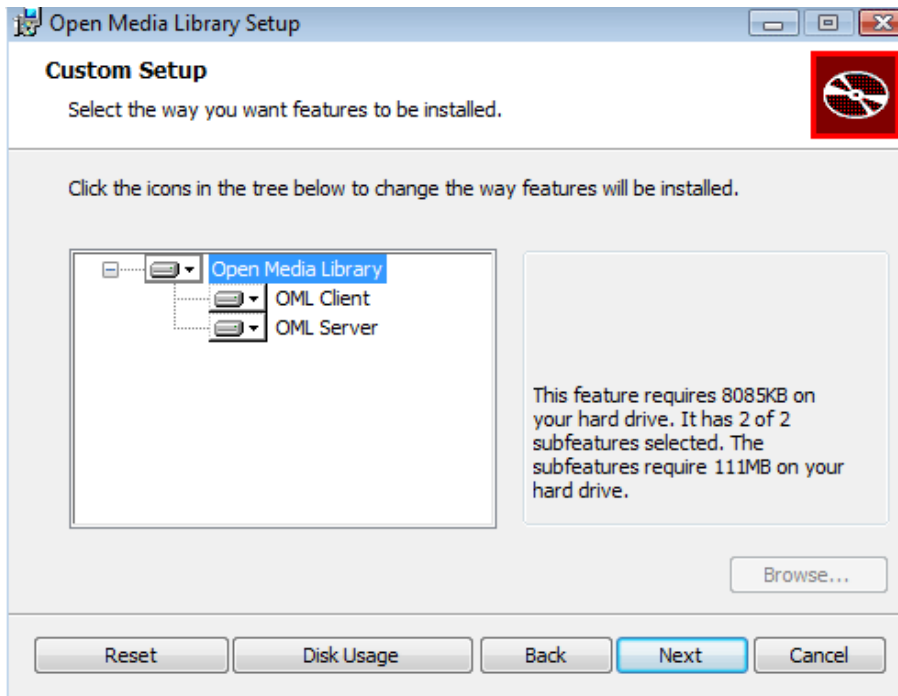
2. Once the file is downloaded, find where you saved the installer to and double-click it. After the installer opens, you will see the following screen. Click **Next** to continue



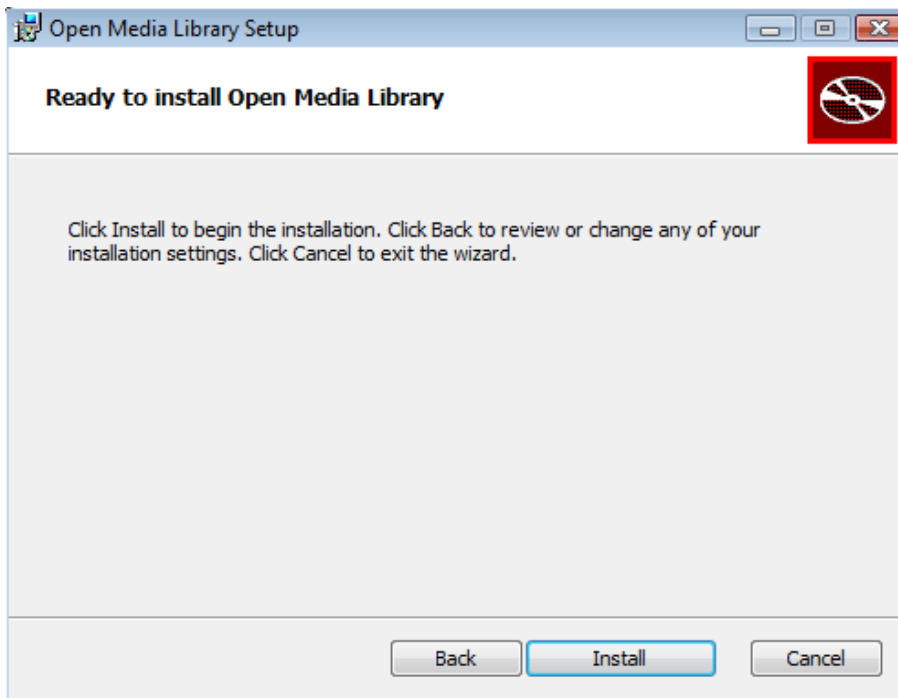
3. Read through the License Agreement, and then choose to accept the terms and click **Install**.



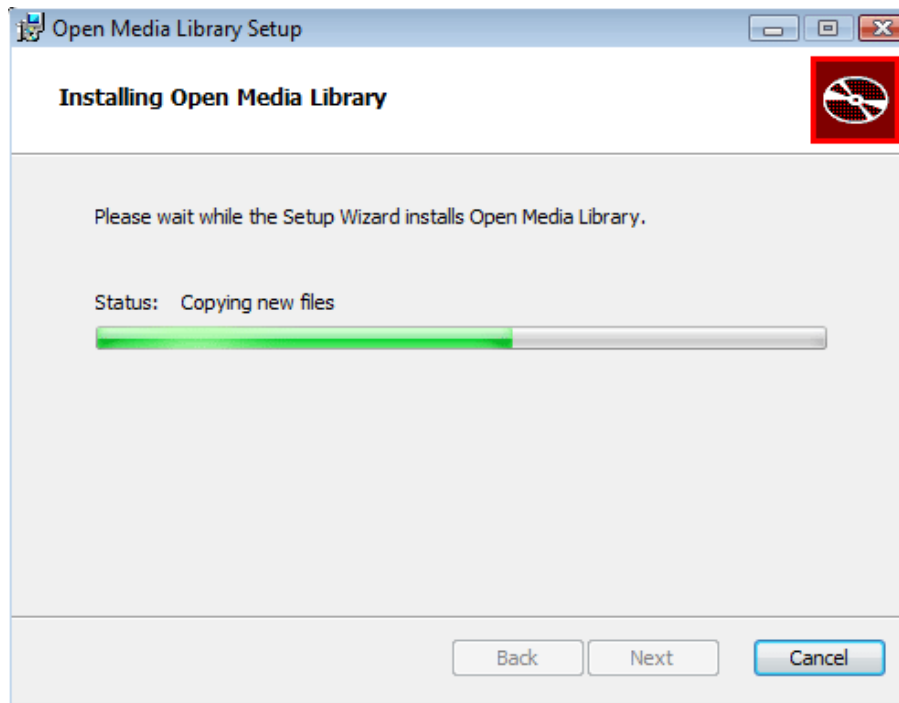
4. The next screen allows you to choose what items will be installed. For the server installation, keep the defaults and click **Next**.



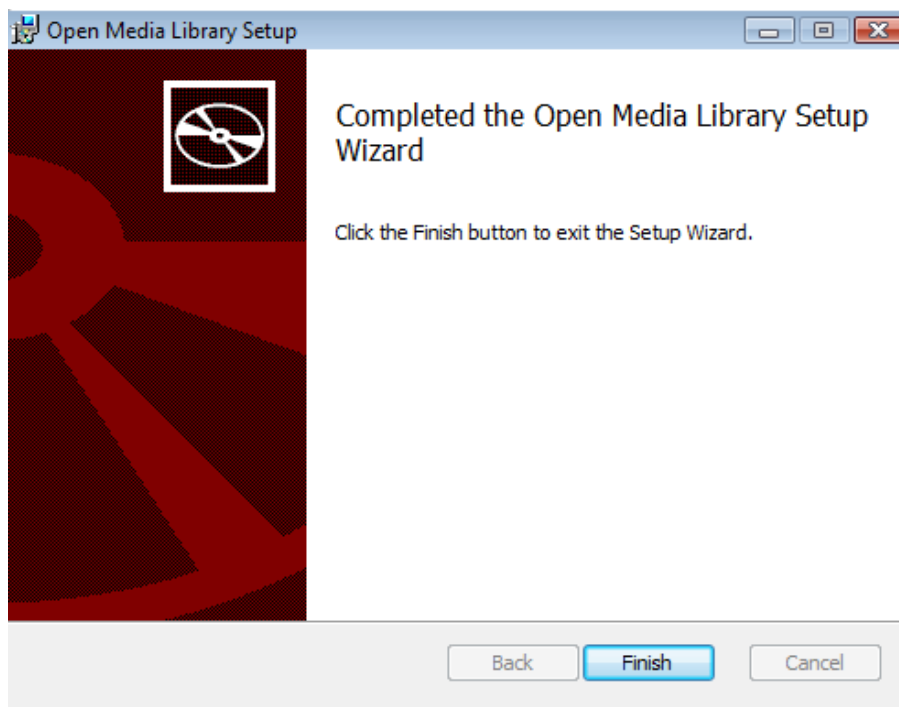
5. Click **Install** to start installing Open Media Library.



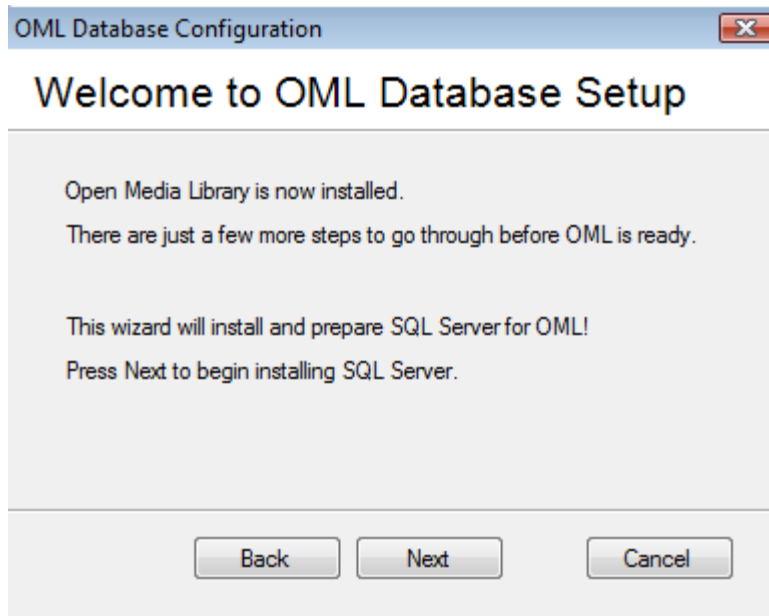
6. The installer will begin copying files.



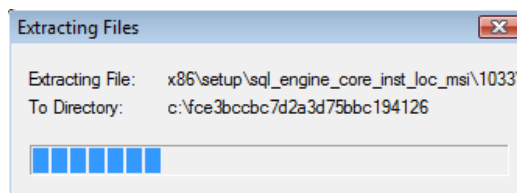
7. When the installer has finished, click **Finish** to continue.



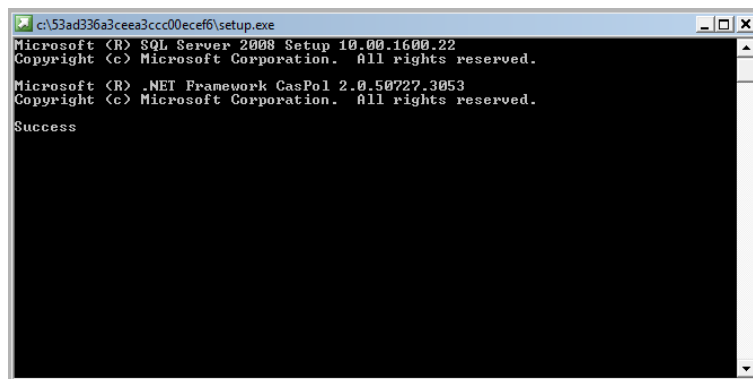
8. The installation process now needs to install SQL Server and setup the Open Media Library database. To do this click **Next** on the Database Setup screen to continue.



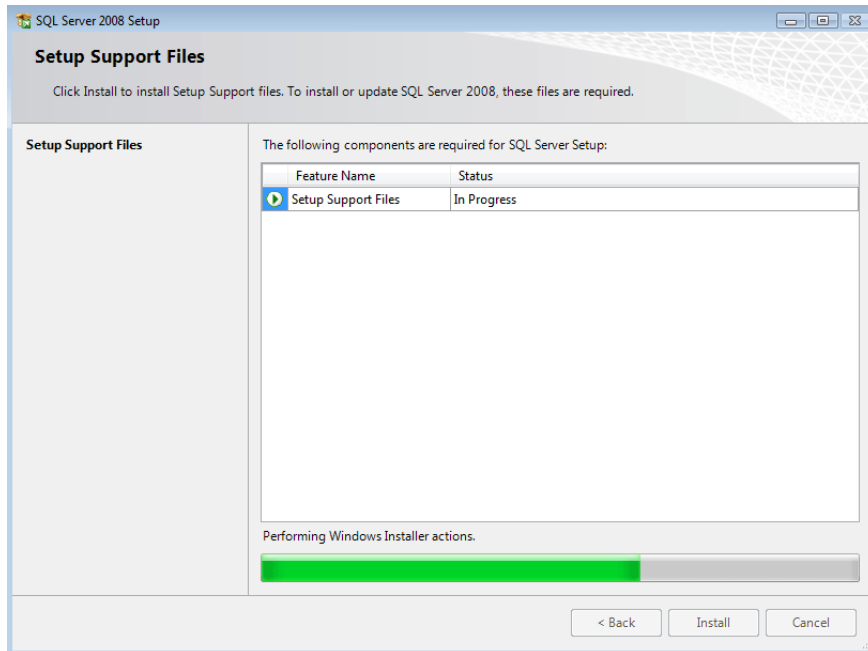
9. The SQL Server installer will extract the files for the installation.



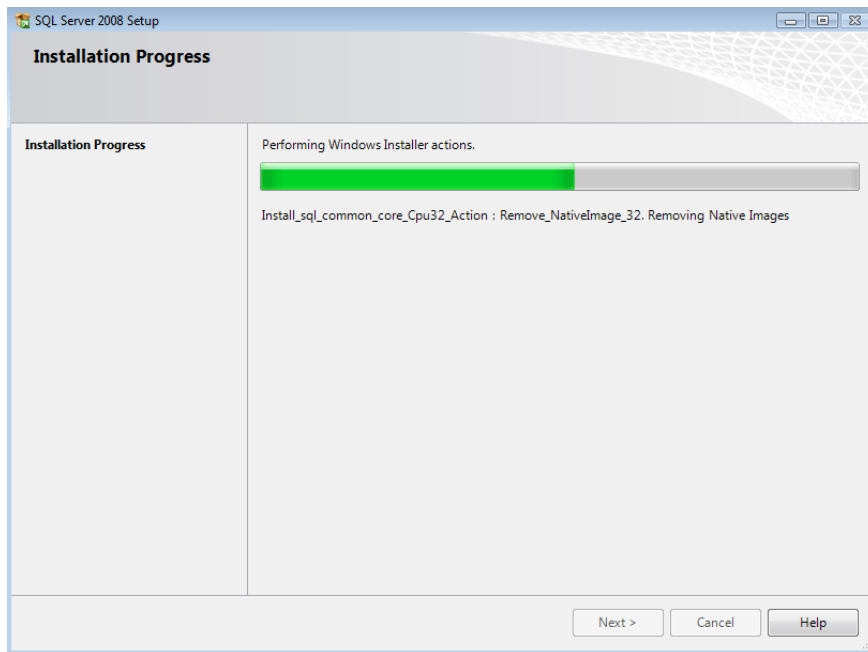
10. Once the extraction has completed, the SQL server installer will begin. If you get an error and do not see the following screen, ensure that [Microsoft Windows Installer 4.5](#) is installed



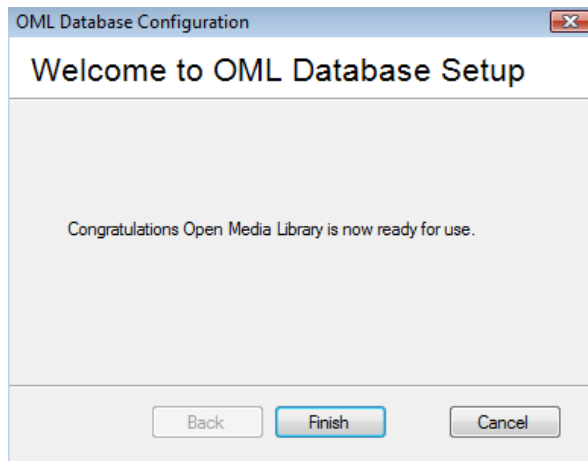
11. The SQL Server installer will begin installation.



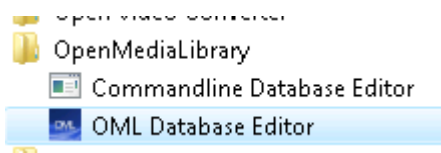
12. The installation continues...



13. Once the SQL Server installation is finished click Finish. Setup is now complete



14. Browse to **Start -> All Programs -> Open Media Library -> OML Database Editor** to launch the Open Media Library DB Editor.



15. The OML Database Editor launches



16. You may now begin creating your database
****NOTE**** If you have an existing database from another version of OML in your programdata/openmedialibrary folder called OML.DAT, the application will ask if you would like to convert the database.

Client Installation (Optional):

About:

The client installation is an optional component. This installation can be used if you have many clients that want to connect to a single database.

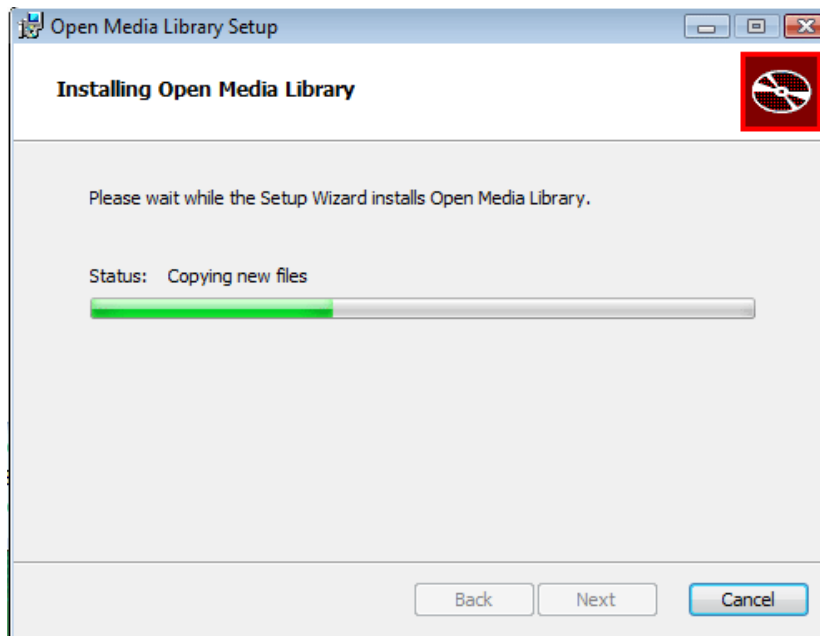
1. To install Open Media Library, download the latest release of the Open Media Library program from the [Open Media Library web page](#). The official releases are noted with **Featured** next to the install link. Click on the link to download the appropriate server installation file (32 bit (x86) or 64 bit (x64)).

Filename		Summary + Labels	Uploaded	Size	DownloadCount	...
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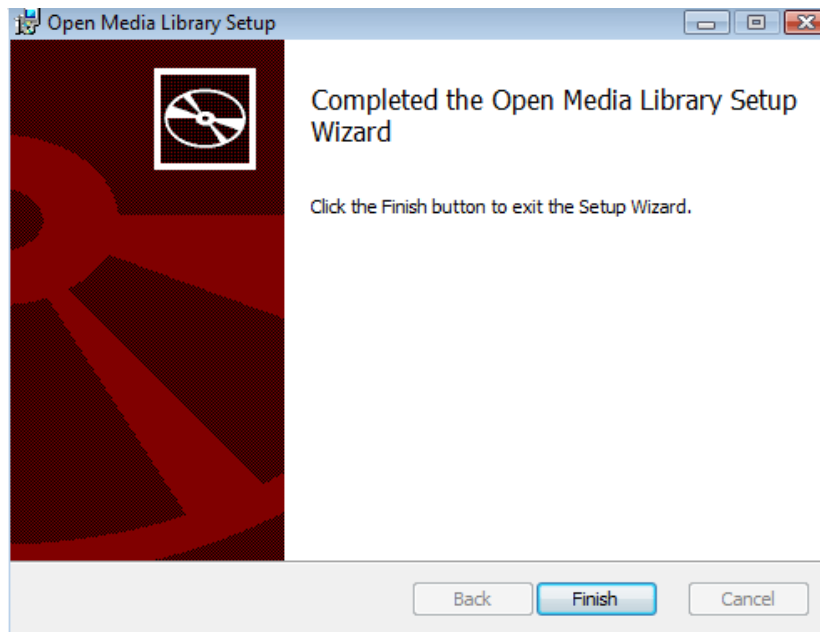
2. Once the file is downloaded, find where you saved the installer to and double-click it. After the installer opens, you will see the following screen. Choose to accept the license agreement and click **Next** to continue.



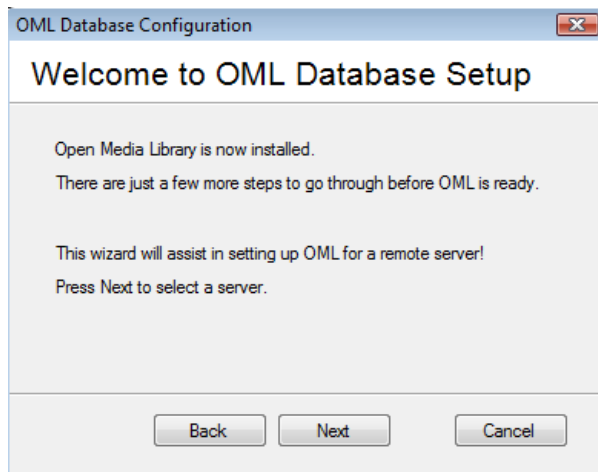
3. The installer will begin copying files.



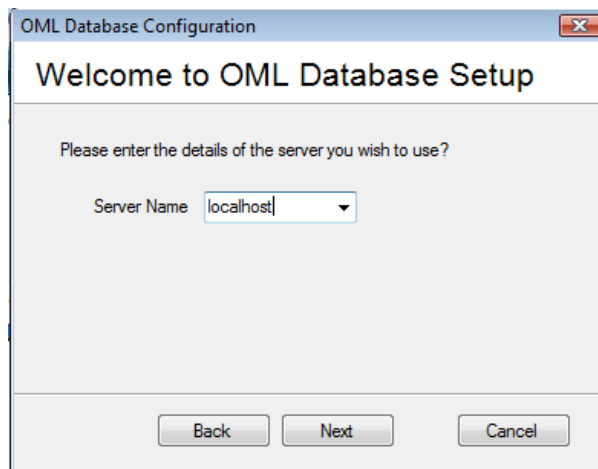
4. When the installer finishes copying files click on **Finish** to continue.



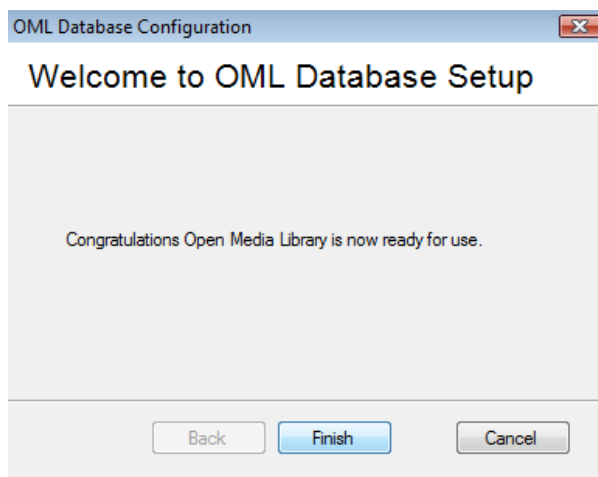
5. The OML Database setup wizard will then open. click **Next** to continue.



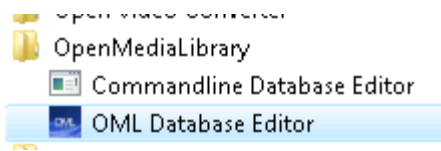
6. The Database setup will search for server hosts on your network. When the search is finished choose the server that your database is housed on and click **Next** to continue.



7. The Database server setup is complete, click **Finish** to exit the installer.



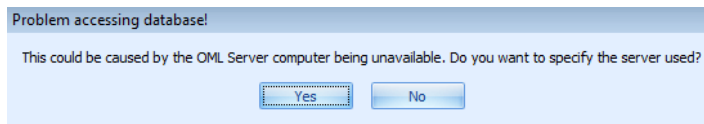
8. Browse to **Start -> All Programs -> Open Media Library -> OML Database Editor** to launch the Open Media Library DB Editor.



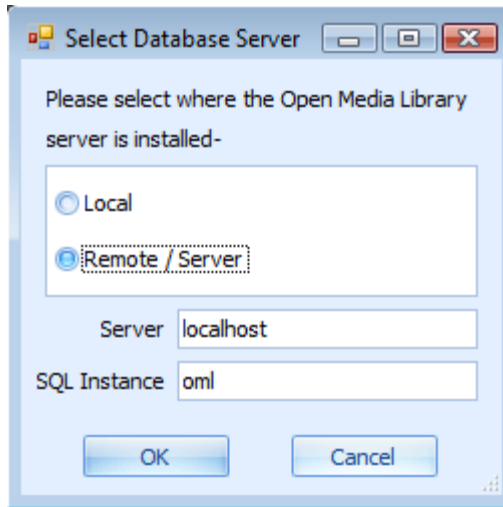
9. The OML Database Editor launches



10. If you get the following error message click **Yes** to continue.



11. Ensure that you selected the correct server that your database is housed on. Make any changes that are necessary and click **OK** to continue. You will need to restart the application for the changes to take effect.



12. Once the Database Editor opens you can begin creating your database.

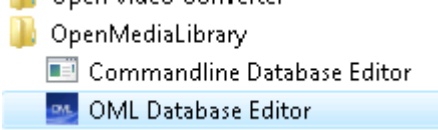
Using the Open Media Library Database Editor

Opening the Open Media Library Database Editor

1. Click the Start Button



2. Navigate to **All Programs -> OpenMediaLibrary**

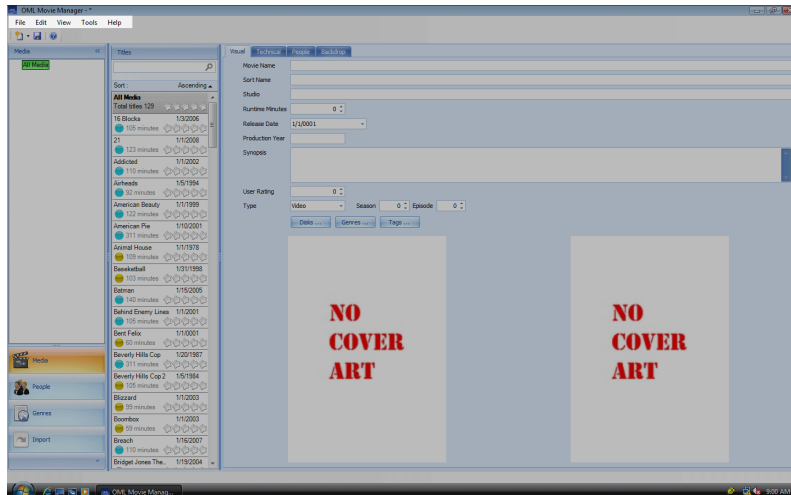


3. Select the **OML Database Editor**
4. The OML Database Editor opens. This section will go through the features and explain how to use the database editor



Navigation

This Section will help you navigate through the DB Editor.

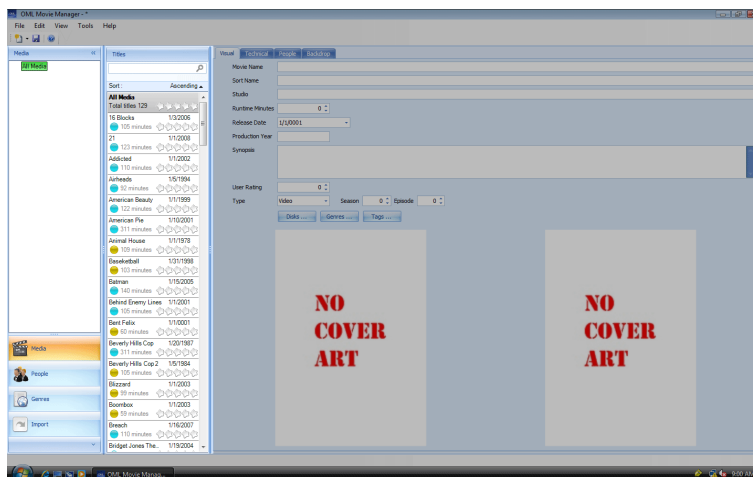


Menu Bar

- File
 - New Movie - Create a new movie in the DB Editor
 - From Scratch - Create a new movie with no metadata
 - From Preferred Sources - Create a new movie using your preferred Sources to retrieve the metadata
 - From Amazon - Create a new movie using Amazon to retrieve the metadata
 - From DVDProfiler - Create a new movie using DVDProfiler to retrieve the metadata
 - From Netflix - Create a new movie using Netflix to retrieve the metadata
 - From themoviedb.org - Create a new movie using themoviedb.org to retrieve the metadata
 - Save Movie - Save the current movie details
 - Exit
- Edit
 - Delete Current Movie - Delete the current movie from the database
 - Delete Selected Movies - Delete movies that are currently selected
 - Delete All Movies - Delete all movies from the database
 - Regenerate Thumbnails
 - Current Movie - Regenerate thumbnail for the current movie
 - All Movies - Regenerate thumbnails for all movies

- View
 - All movies
 - Filter By Genre - Allows user to filter movies by genres available in the database
 - Filter By Completeness - Allows user to filter movies by metadata completeness
 - Filter By Parental Rating - Allows user to filter movies by Parental Ratings available in the database
 - Filter By Tag - Allows user to filter movies by tags stored in the database
- Tools
 - Customize - Allows the user to customize the database editor
 - Options - Allows the user to change the options for the database editor
 - Database Tools - Has tools to backup/restore your database as well as optimize your database
 - Metadata Settings - allows the user to choose which source metadata is automatically downloaded from
 - Amazon
 - DVDProfiler
 - Netflix
 - themoviedb.org
 - Preferred Metadata Mappings - This allows you to specify where metadata is retrieved for the Fanart and Genres in your DB
 - Move Disks - Allows you to change where your movies are stored without reimporting
 - Transcoder Diagnostics - This is being used to debug any transcoding issues.
- Help
 - Contents
 - Index
 - Search

Media/Titles Pane



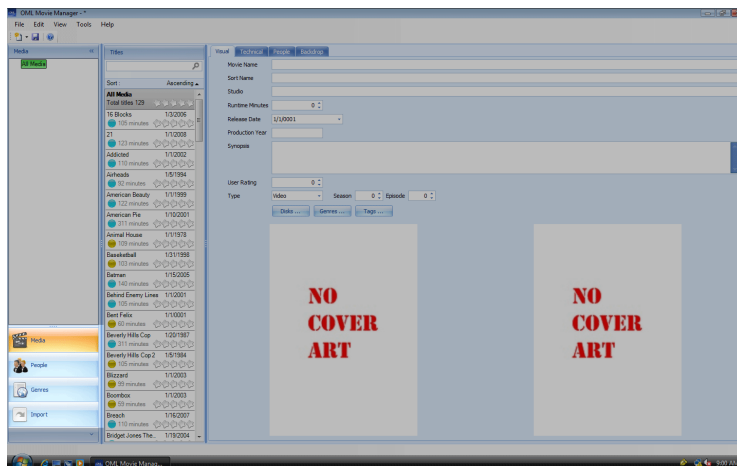
The Media Pane on the left is broken down into 3 different areas. This section will explain those areas in more detail:

- Media Pane
 - This pane allows users to customize the way their database is stored. For instance, you can create a heading under All Media called Movies and store only your movies

under this heading, or you can create one called TV Shows and store you TV shows under this heading. These headings will come in handy when you are setting up your Open Media Library strip in Windows Media Center.

- Titles
 - This pane is where you titles will be displayed for the heading you have selected in the media pane. You are also able to use the following settings to sort your database:
 - Search for title - Use the search bar at the top to search for a specific title in your database
 - Sort your titles
 - Ascending
 - Descending
 - Color Coding - There is a colored ball below every movie title that will tell you how much metadata is downloaded for each movie. The colors are listed below
 - Red - 0-20% of metadata is downloaded for the title
 - Orange - 20-40% of metadata is downloaded for the title
 - Yellow - 40-60% of metadata is downloaded for the title
 - Blue - 60-80% of metadata is downloaded for the title
 - Green - 80-100% of metadata is downloaded for the title
 - Stars - There are 5 stars listed below the movie title that helps tell you at a glance what the rating for the movie is
 - 1 Star - User rating is 1-2
 - 2 Stars - User Rating is 3-4
 - 3 Stars - User Rating is 5-6
 - 4 Stars - User Rating is 7-8
 - 5 Stars - User Rating is 9-10

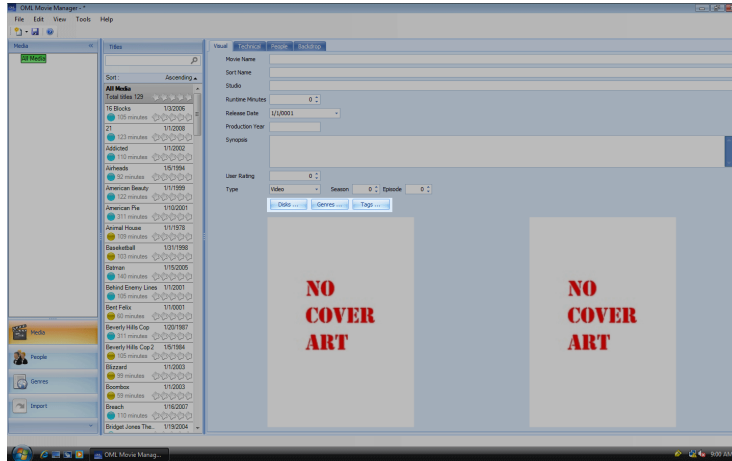
Quick Links (bottom right corner)



- This pane has some quick links to get you to some of the most used areas in the DB editor. The options available are:
 - Media - Jump to you media from other areas in the DB editor
 - People - Jump to a list of all people stored in the database (Actors, Directors, Writers, etc.)
 - Tags - Jump to a list of all tags that are stored in the database

- Import - Jump to the import utility to import you movies

Disks/Genres/Tags



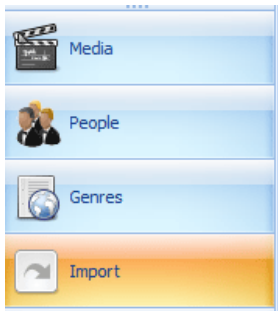
- Disks
 - This button can be used if you have a title with more than one disk. When you import your database your multiple disks will all show up as a separate title, but you can use the disks button to move all of the disks to one title
- Genres
 - This button can be used to view what genres the selected title fits under - you can add/remove genres for the title here as well
- Tags
 - This button can be used to view what tags are associated to this title - you can add/remove tags for the title here as well

Importing Movies into Open Media Library

DVD Profiler Import Option

If you use [DVD profiler](#) to maintain your database connection, this import option will pull from your DVD profiler database. You will first need to create an export of your database in an XML file to use it. To create an export file, open DVD Profiler and go to file -> Export Profile Database and save your XML file. This import option by default will expect a file called "Collection.xml" but you can point it at any file.

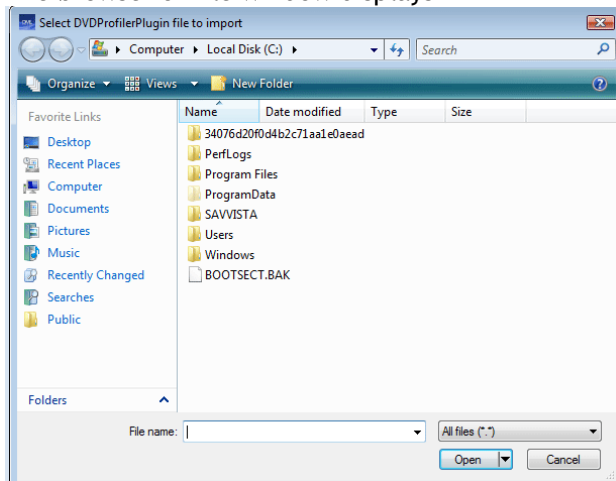
1. Click Import



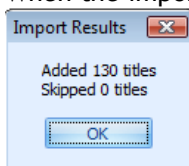
2. Select **DVD Profiler** from the menu that appears



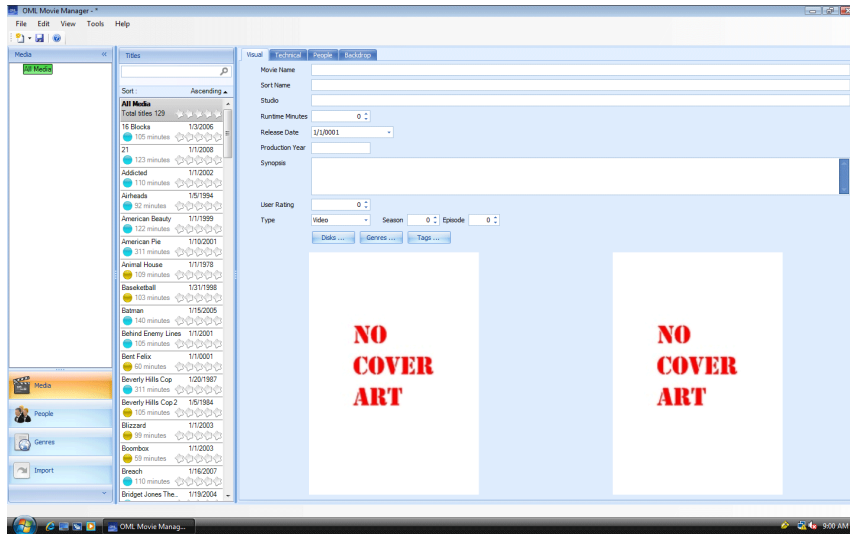
3. The browse for file window displays



4. Browse to the location on your computer that the XML file is stored at and click **OK**
5. When the import is finished a results window will display



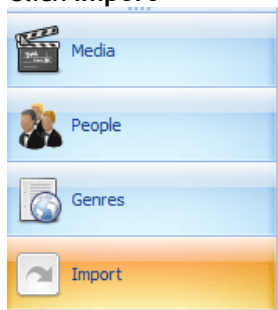
6. Your movies will now display under the titles heading. You can view the details of any of your movies by clicking on the title.



DVR-MS Movie Files Import Option

This option can be used to look in specific folders for a DVR-MS file type.

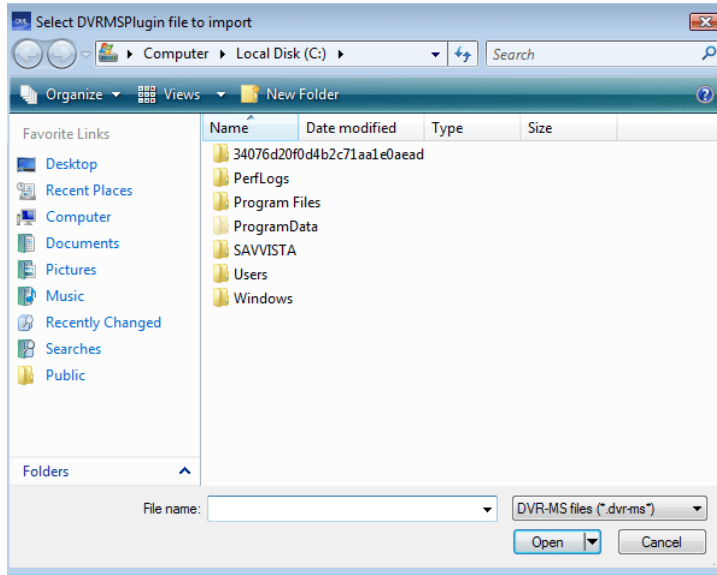
1. Click Import



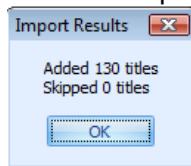
2. Select DVR-MS Movie Files from the menu that appears



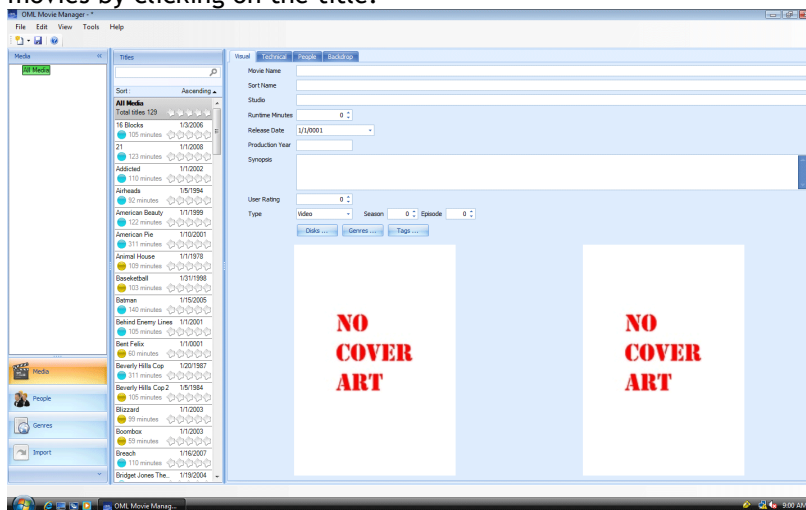
3. The browse for file window displays



4. Browse to the location on your computer that your DVR-MS files are stored at and click OK
5. When the import is finished a results window will display



6. Your movies will now display under the titles heading. You can view the details of any of your movies by clicking on the title.

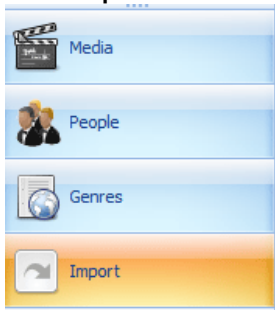


Movie Collectorz Import Option

If you use [Movie Collectorz](#) to maintain your database connection, this import option will pull from your DVD profiler database. You will first need to create an export of your database in an XML file to use

it. This import option by default will expect a file called "movies.xml" but you can point it at any file.

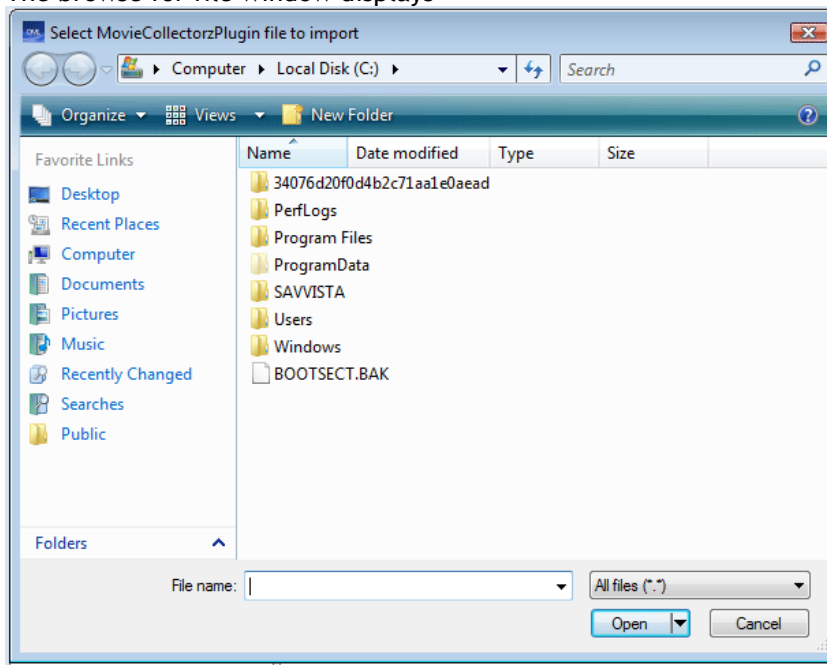
1. Click **Import**



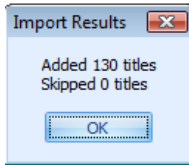
2. Select **Movie Collectorz** from the menu that appears



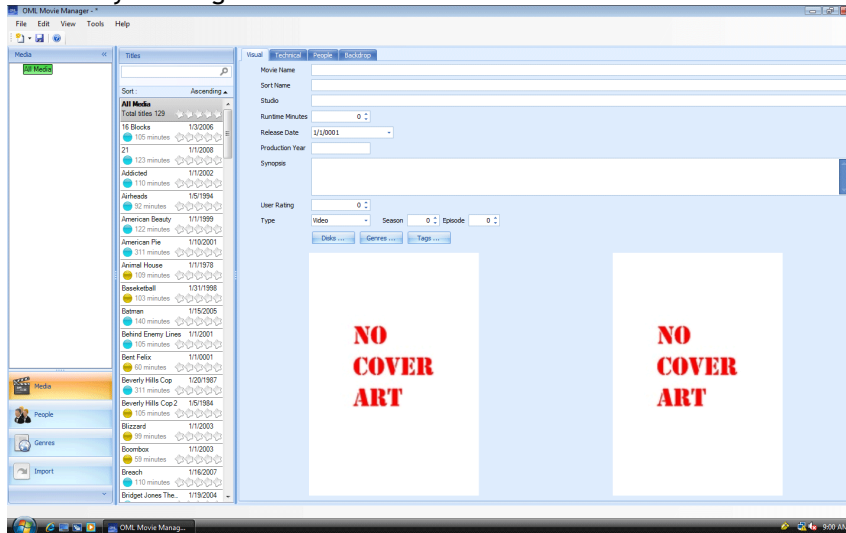
3. The browse for file window displays



4. Browse to the location on your computer that your files are stored at and click **OK**
5. When the import is finished a results window will display



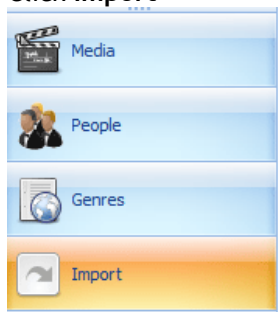
6. Your movies will now display under the titles heading. You can view the details of any of your movies by clicking on the title.



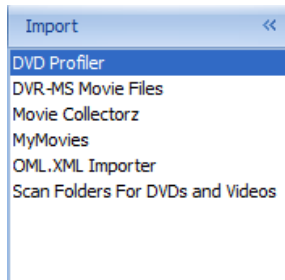
MyMovies Import Option

If you have used [MyMovies](#) in the past, the metadata for this system is an XML file stored in each movie within its parent folder. This import option searches the specified folder and all its subfolders looking for mymovies.xml files (which the mymovies application creates in each folder for a movie it knows about). Each mymovies.xml file located will be created as a movie and all meta-data and disc entries in that file will be loaded into the newly created movie entry. You can also point it at a folder that contains a "titles.xml" file which is a large exported file from mymovies. If one of these large files is found, it will be loaded and each "title" entry in the file will be processed as though it was a single mymovies.xml file.

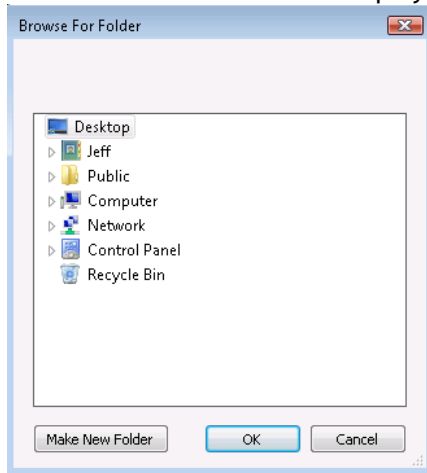
1. Click Import



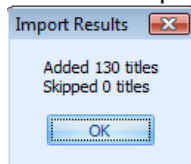
2. Select **MyMovies** from the menu that appears



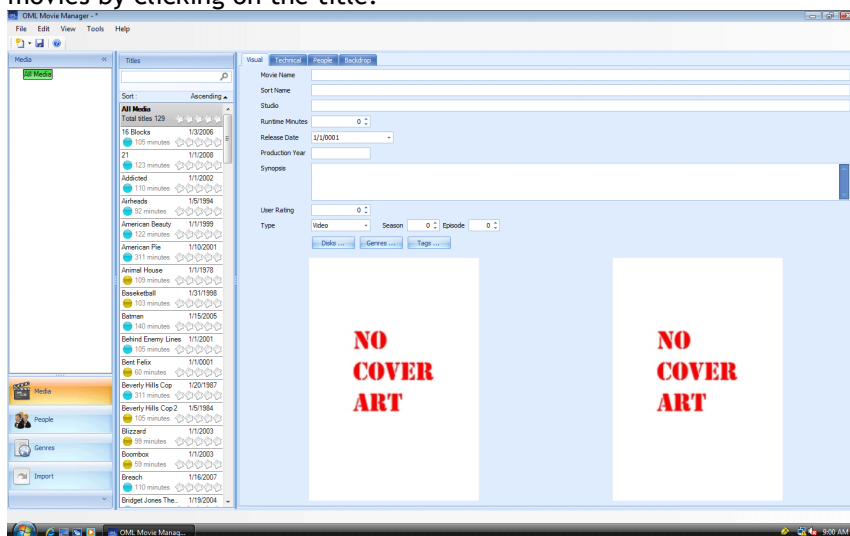
3. The browse for file window displays



4. Browse to the location on your computer that your files are stored at and click **OK**
5. When the import is finished a results window will display



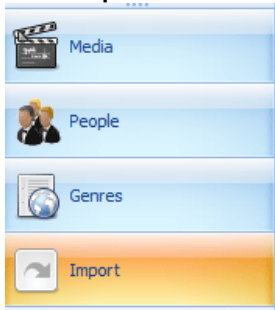
6. Your movies will now display under the titles heading. You can view the details of any of your movies by clicking on the title.



OML.XML Import Option

This option can be used to look in specific folders for an exported OML database. If you have previously created a backup of your OML database, you can re-import this file by looking for the OML.XML file that you previously created.

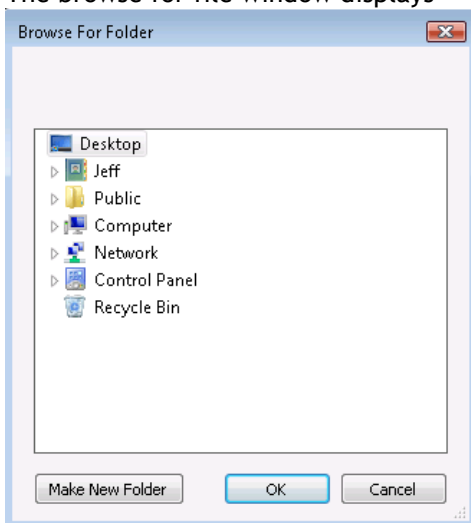
1. Click **Import**



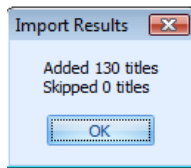
2. Select **OML.XML Importer** from the menu that appears



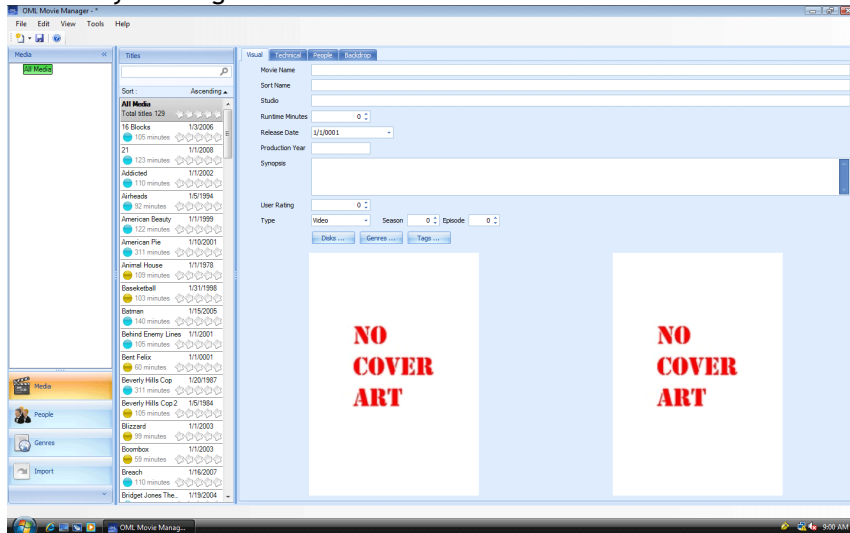
3. The browse for file window displays



4. Browse to the location on your computer that your files are stored at and click **OK**
5. When the import is finished a results window will display



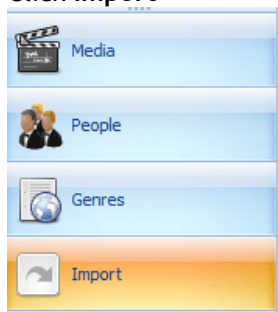
6. Your movies will now display under the titles heading. You can view the details of any of your movies by clicking on the title.



Scan Folders for DVDs and Videos Import Option

If you are new to the world of maintaining a database for your movies, use this option. This allows you to import your movies by pointing to a folder on your computer that your files are stored at and it will import any compatible file types for you.

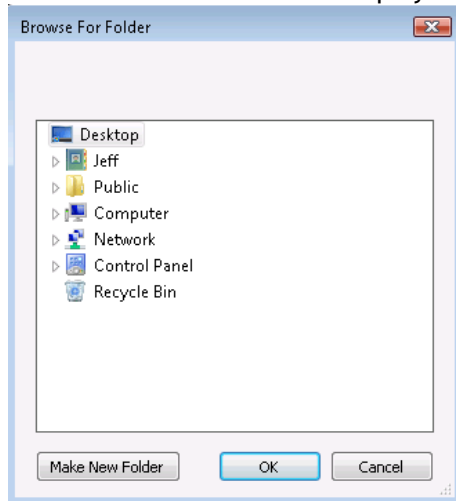
1. Click Import



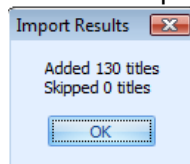
2. Select Scan Folders for DVDs and Videos from the menu that appears



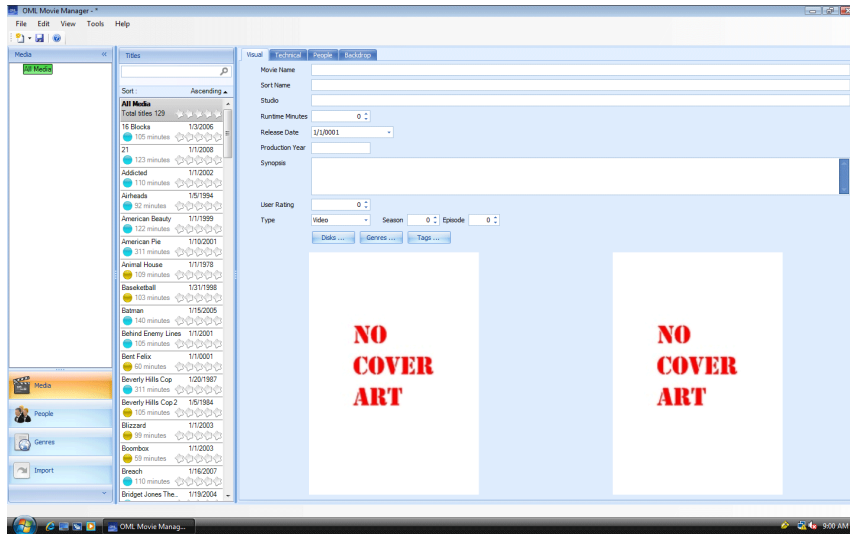
3. The browse for file window displays



4. Browse to the location on your computer that your files are stored at and click **OK**
5. When the import is finished a results window will display



6. Your movies will now display under the titles heading. You can view the details of any of your movies by clicking on the title.



Importing/Updating Metadata

Metadata is available from 4 different sources. Those sources are listed below:

- Amazon
- DVDProfiler
- Netflix
- themoviedb.org

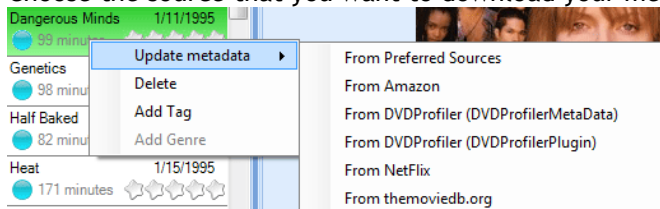
There are a couple of different ways to import the metadata for your movies database. These options are:

- Select the source that you want all of the metadata to come from
- Set the specific source that you want certain metadata to come from (preferred sources)

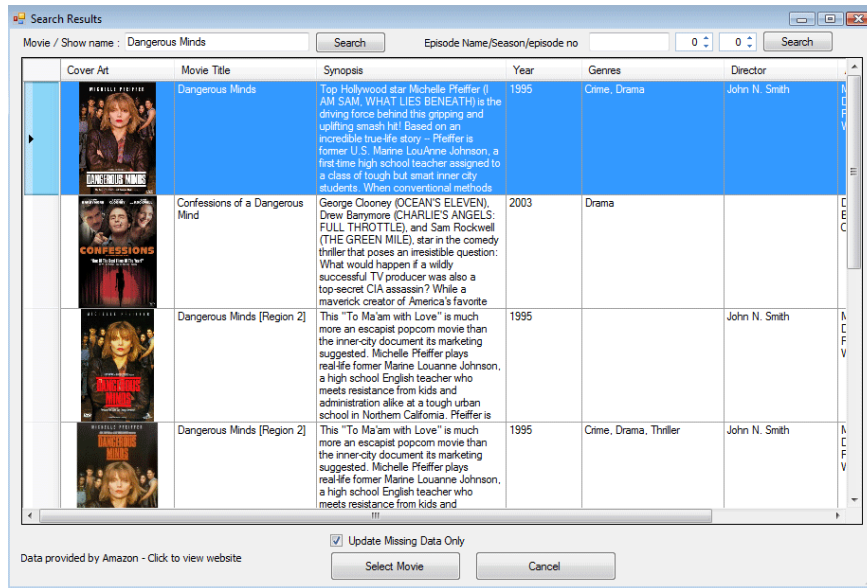
Select Source for all Metadata

Use this option if you want all of your metadata to come from the same source

1. Select the titles that you want to update the metadata for
2. Right-Click on one of the selected titles and navigate to update metadata
3. Choose the source that you want to download your metadata from.



4. Once you choose your source, the application will search for matching records. The matching records will be presented to you.

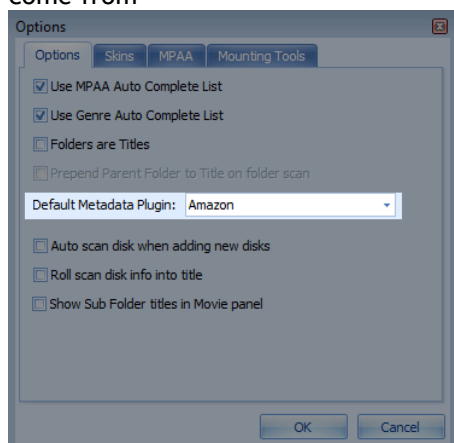


5. Select the result that best matches your title and click on Select Movie
6. If you did not get a good result you can refine your search at the top of the window.

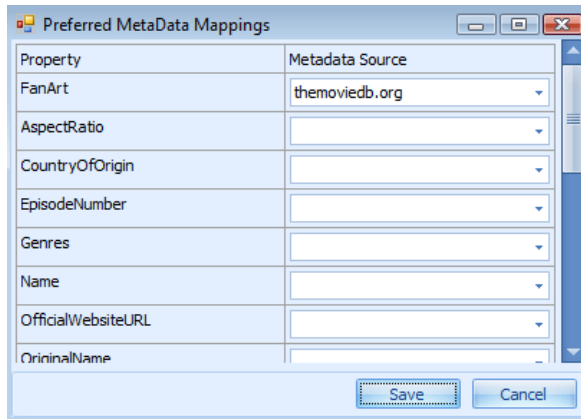
Update Metadata using Preferred Sources

Preferred sources is an option of updating certain fields of metadata from one source and other fields from another source. In order to use this there are a few options that need to be set. Follow the instructions below to set these up.

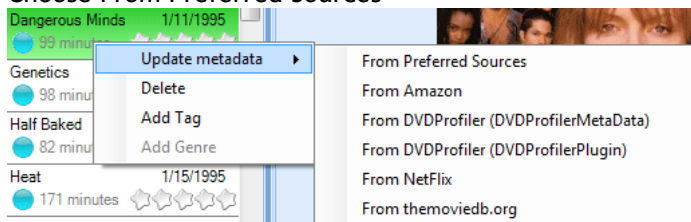
1. Click on **Tools -> Options**
2. Under the Default Metadata Plug-in choose the option that you want most of your metadata to come from



3. Click OK to save this change
4. Click on **Tools - Preferred MetaData Mappings**
5. If you would like any fields to update from another source other than your default choose them in this screen. Any fields left blank will update from your default metadata source.



6. Once your preferred metadata mappings are setup, select the title(s) that you would like to update
7. Right Click on one of the selected titles and navigate to update metadata.
8. Choose From Preferred Sources



9. Your metadata will automatically download

Customize your Database

With the move to the SQL database, users are able to customize how their database is sorted, such as listing all movies under a movies heading instead of having all titles listed under all media. Follow the instructions below to customize your database.

1. Click on Media in the quick launch area
2. In the media pane right click in a blank area and choose from one of the following options:
 - Create Folder (Movies)
 - Create Folder (TV Shows)
 - Create Folder (TV Season/Series)
 - Create Movie
 - Create TV Episode/Show
3. Select the new heading and modify the name by changing it in the Movie Name/Sort Name fields
4. Once you have it named the way you want it click on the All Media link in the media pane
5. Select the movies that you want to move to that heading from the titles pane (you can use the CTRL key to select multiple movies)
6. Left-click and hold on one of the movies you have selected and drag them to the heading that you have selected
7. Click on the new heading and verify that all of your movies are listed under that heading

Maintaining your database

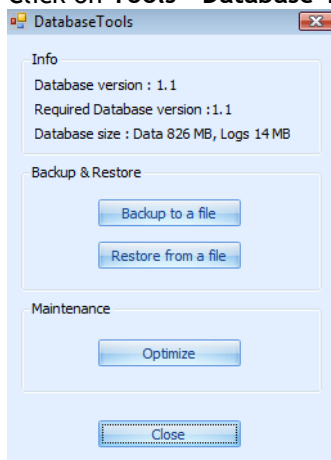
Database Tools

With the new SQL database we have added some tools to help make maintaining your database easier. Follow the below instructions to do these tasks.

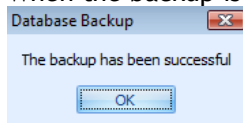
Backup database

The past method of backing up the database consisted of creating an OML.XML file in each folder that your movies were stored in. Now you can back up the database to a flat file for easier backups.

1. Click on **Tools - Database Tools**



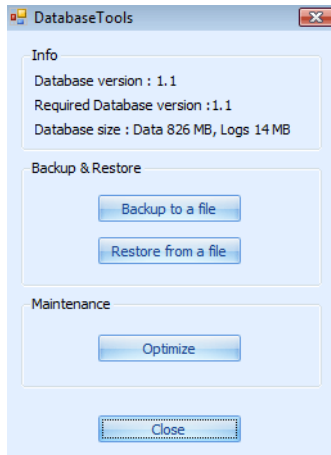
2. Click on the Backup to a file button
3. Choose the name of the file that you would like to save it as and where you would like to save the file to.
 1. By default the file is stored as OMLDatabase.bak in the C:\ProgramData\OpenMediaLibrary\Backups
4. When the backup is complete you will see the below dialog box



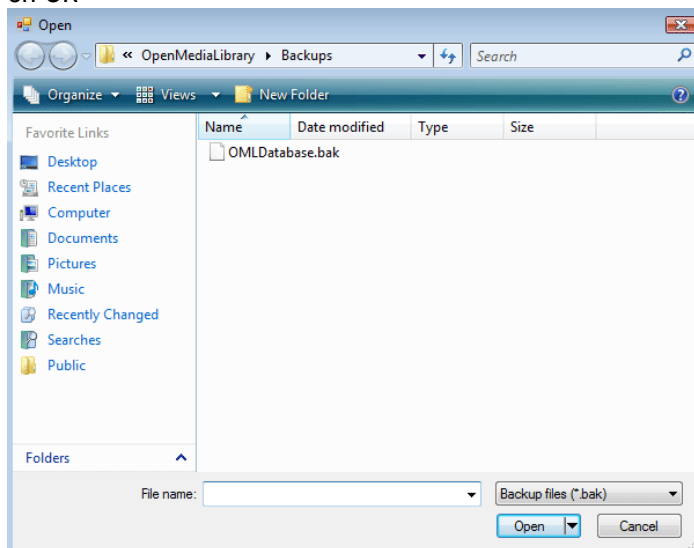
Restore a database

This can be used if you have previously backed up your database with the backup utility and need to restore your database. To restore your database follow the below steps.

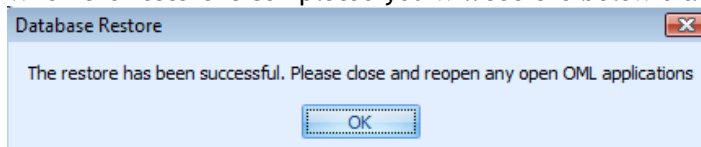
1. Click on **Tools - Database Tools**



2. Click on the Restore from a file button
3. The browse for file window will open - browse to where your backup file is located and click on OK



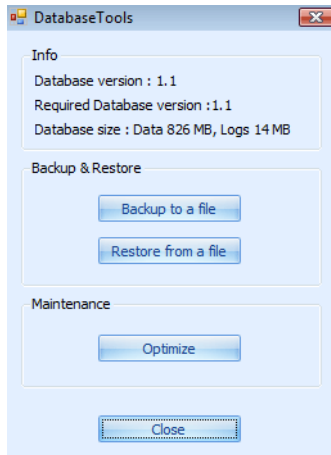
4. When the restore is completed you will see the below dialog box



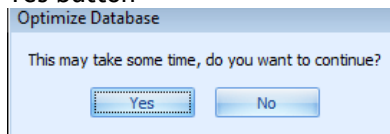
Optimize database

Optimizing your database will help with performance. Follow the steps below to optimize your database.

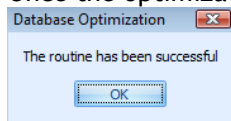
1. Click on **Tools - Database Tools**



2. Click on the Optimize button
3. Depending on the size of your database this may take awhile. If you want to proceed click the Yes button



4. Once the optimization has been completed you will see the dialog box below



Delete Movies from your database

This option can be used to either delete a single movie, a block of movies or all of your movies out of the database. To do this follow these steps:

****NOTE** This cannot be undone!**

1. Select Edit from the menus at the top of the DB Editor window
2. Select one of the following options
 1. Delete current movie - Deletes the currently selected movie
 2. Delete selected movies - Deletes all movies that are selected
 3. Delete all movies - Deletes all movies from your database

Revision History

6/05/09

Document Version	Editor	Date	Changes
1.001	Gahvey	New SQL Guide	Original

1.002

Gahvey

7/28/09

Added new DB Editor
Instructions