

Open Media Library



Installation & Quick Start Guide

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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 7 Home Premium, Professional or Premium
 - Will require SQL Server 2008 SP1 after you install OML.
- Windows Vista Ultimate, 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](#)
 - Windows 7 includes this by default
- Microsoft .NET 3.5 Service Pack 1
 - Can be downloaded [here](#)
 - Windows 7 includes this by default

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):

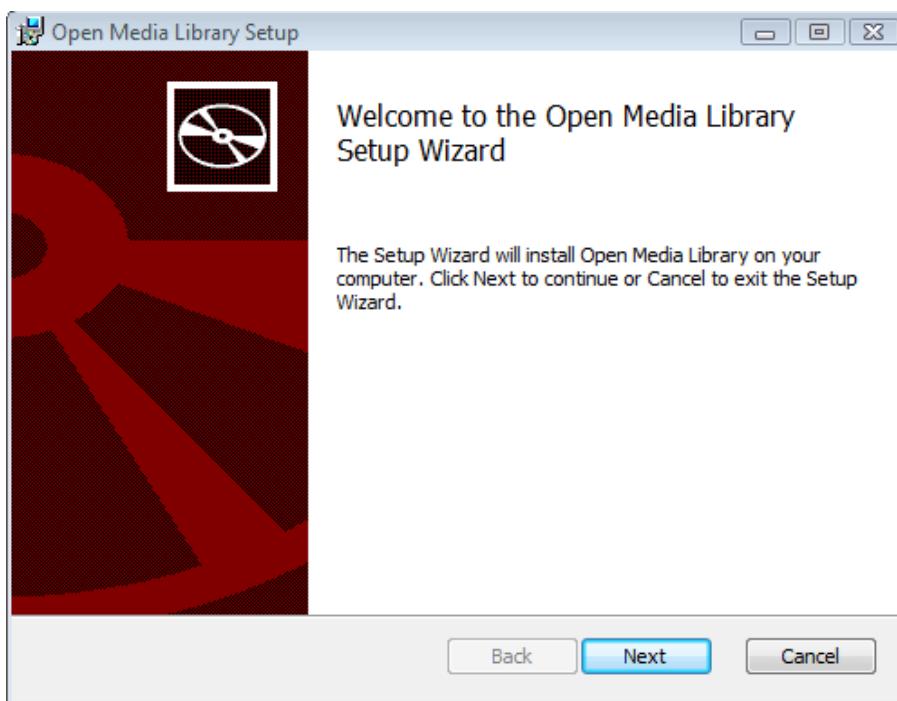
About:

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.

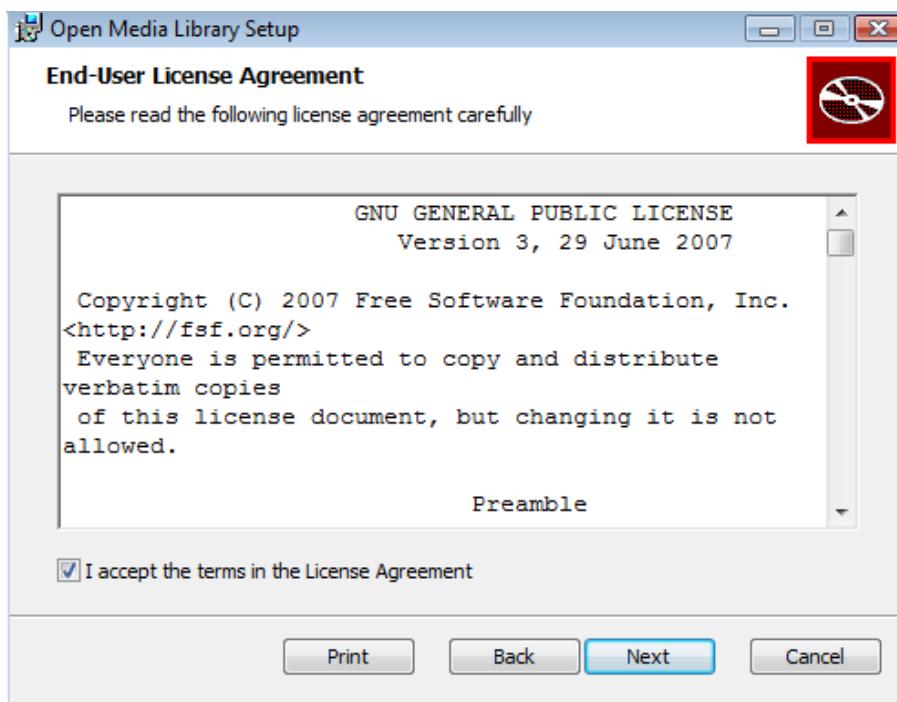
1. To install Open Media Library, download the latest release of the Open Media Library program from the [Open Media Library web page](#). The official releases are noted with **Featured** next to the install link. Click on the link to download the appropriate server installation file (32 bit (x86) or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

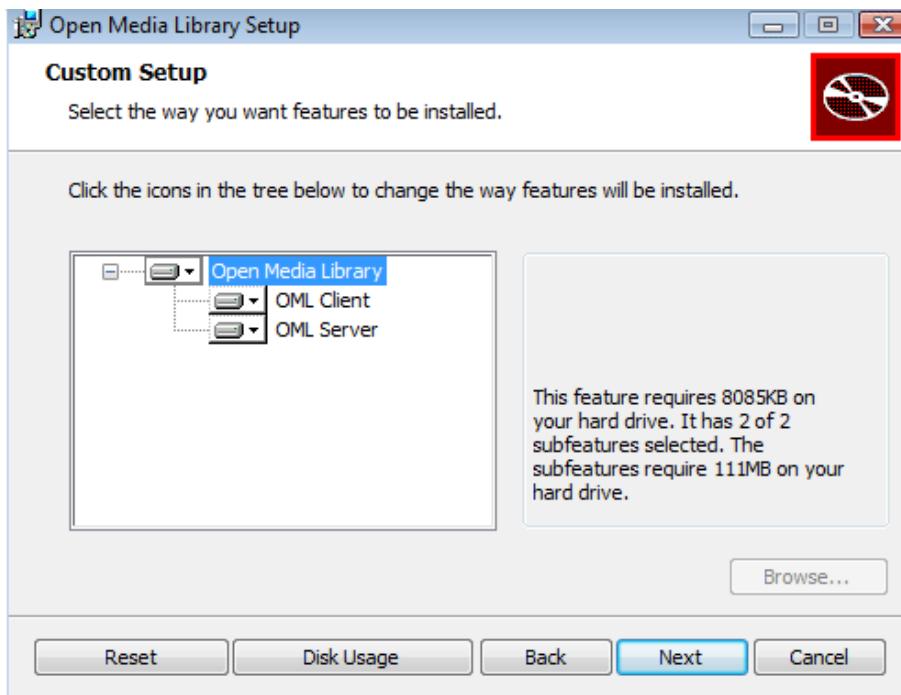
2. Once the file is downloaded, find where you saved the installer to and double-click it. After the installer opens, you will see the following screen. Click **Next** to continue



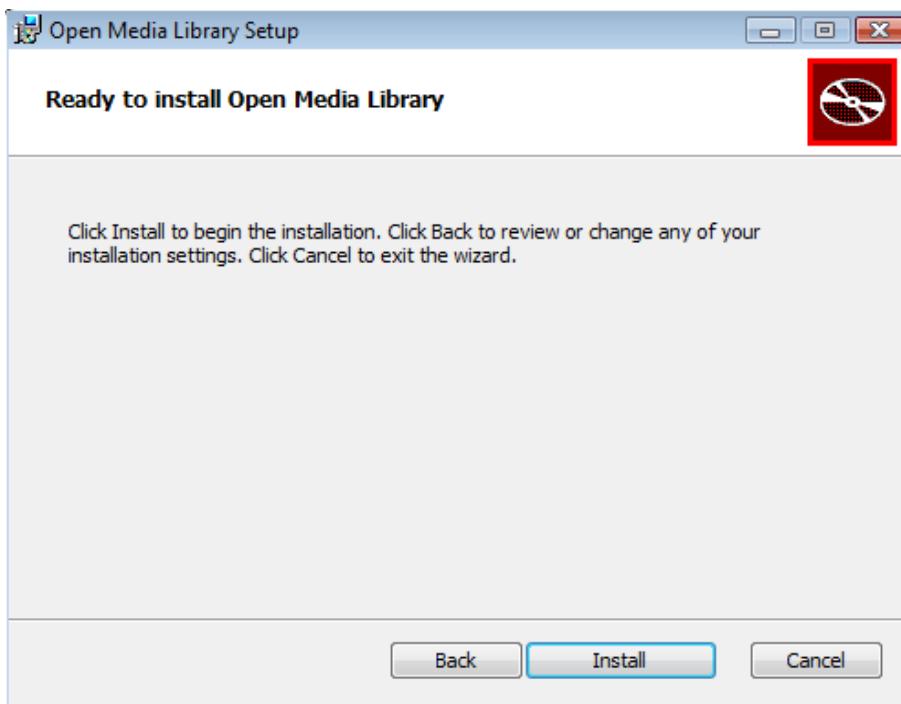
3. Read through the License Agreement, and then choose to accept the terms and click **Install**.



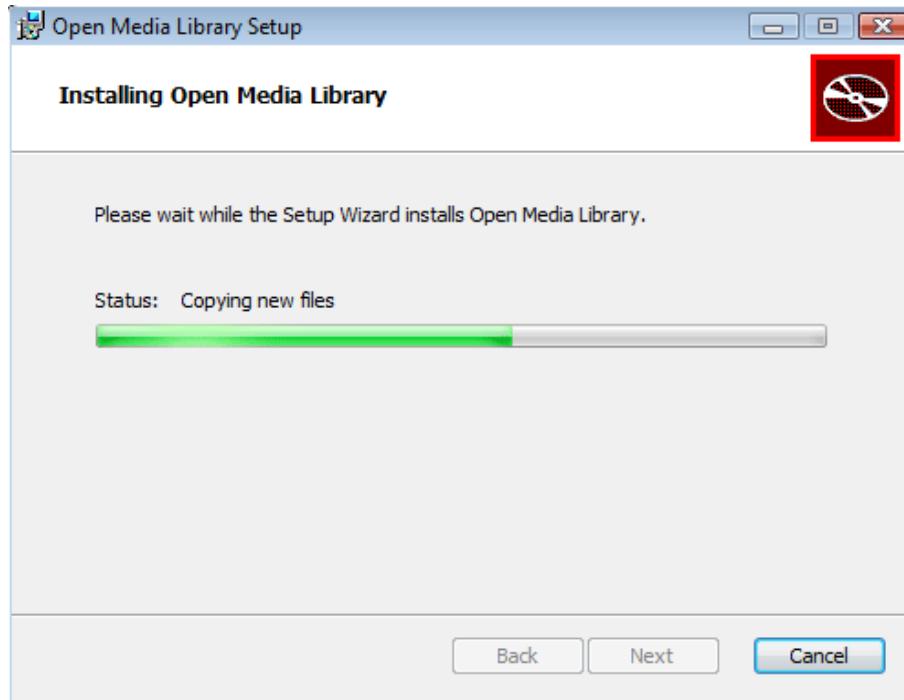
4. The next screen allows you to choose what items will be installed. For the server installation, keep the defaults and click **Next**.



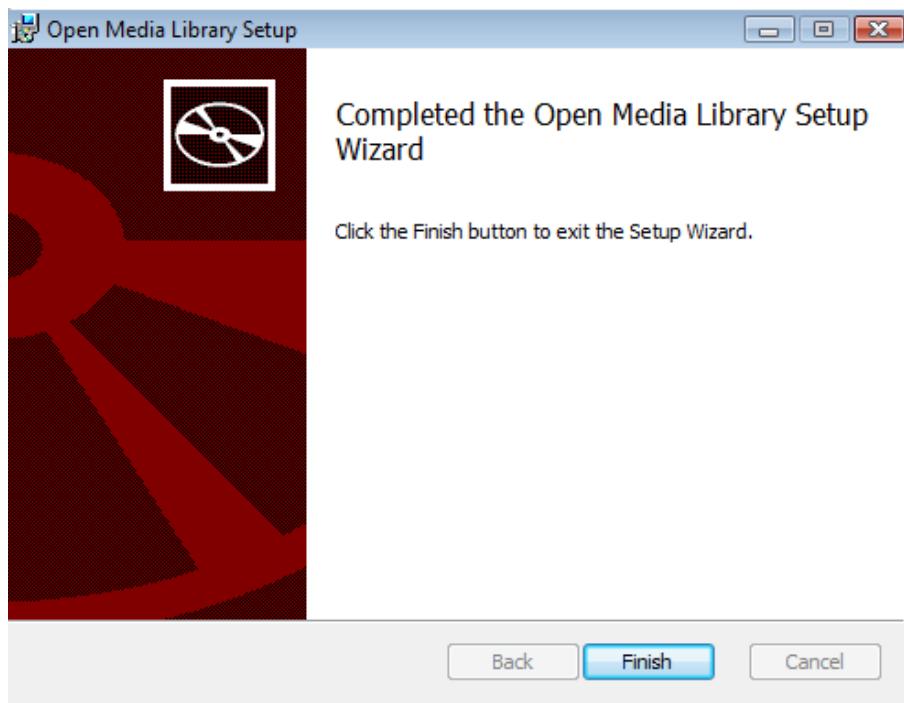
5. Click **Install** to start installing Open Media Library.



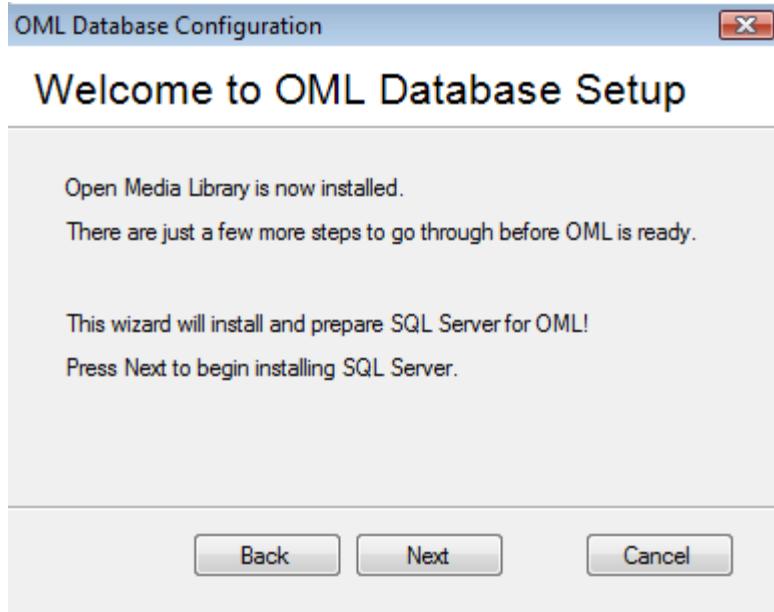
6. The installer will begin copying files.



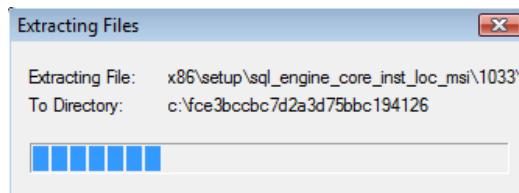
- When the installer has finished, click **Finish** to continue.



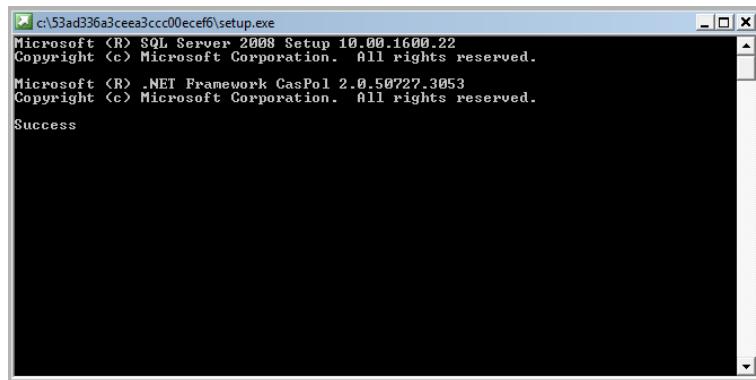
- The installation process now needs to install SQL Server and setup the Open Media Library database. To do this click **Next** on the Database Setup screen to continue.



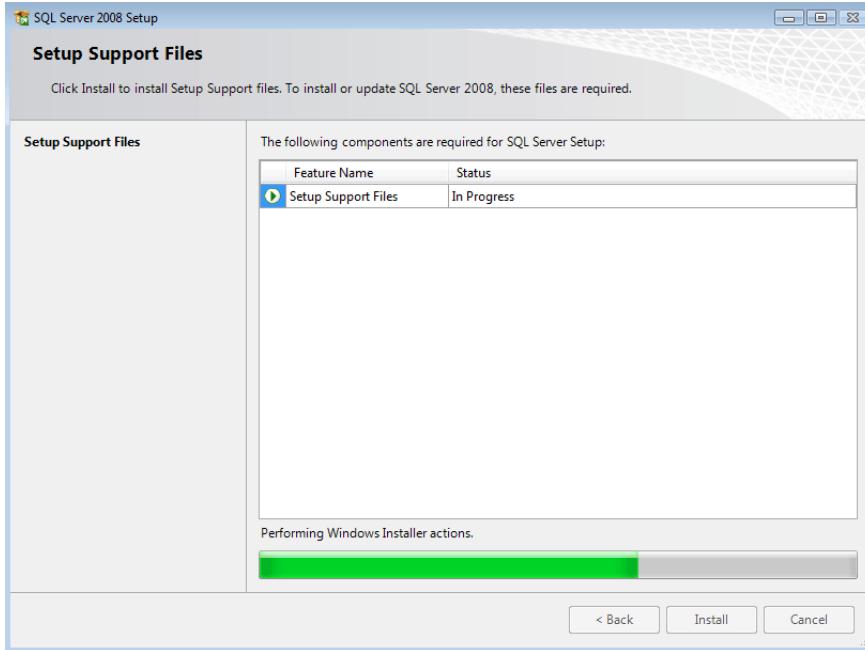
9. The SQL Server installer will extract the files for the installation.



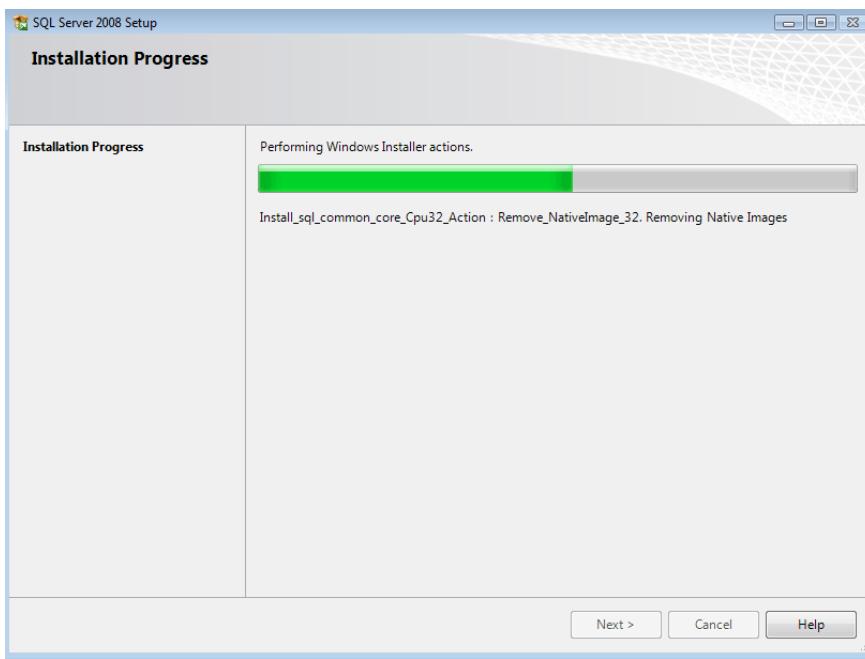
10. Once the extraction has completed, the SQL server installer will begin.
If you get an error and do not see the following screen, ensure that [Microsoft Windows Installer 4.5](#) is installed



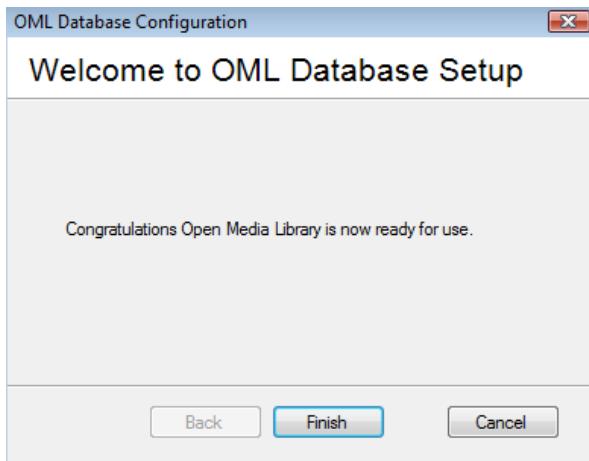
11. The SQL Server installer will begin installation.



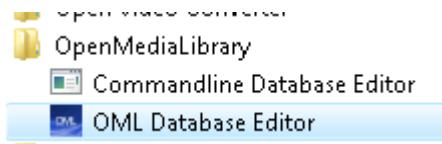
12. The installation continues...



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.

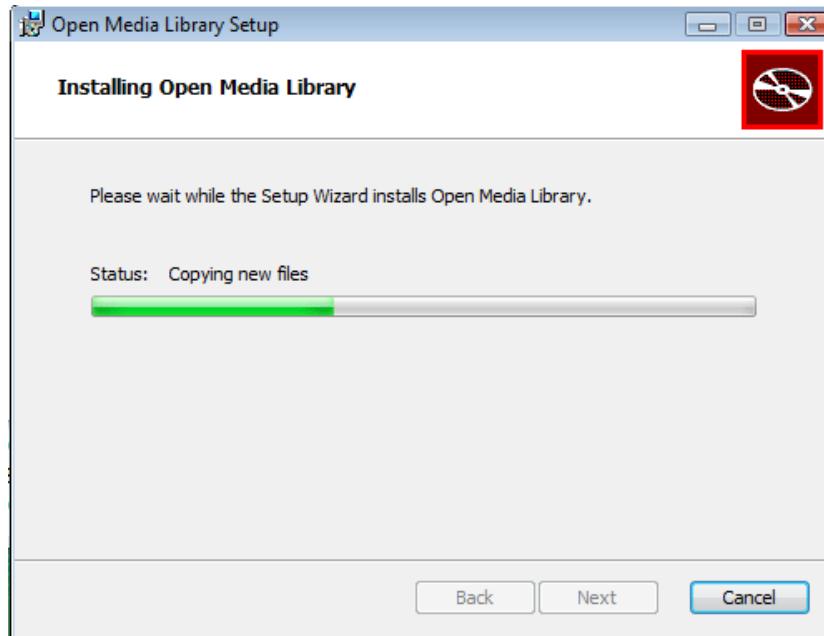
1. To install Open Media Library, download the latest release of the Open Media Library program from the [Open Media Library web page](#). The official releases are noted with **Featured** next to the install link. Click on the link to download the appropriate server installation file (32 bit (x86) or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

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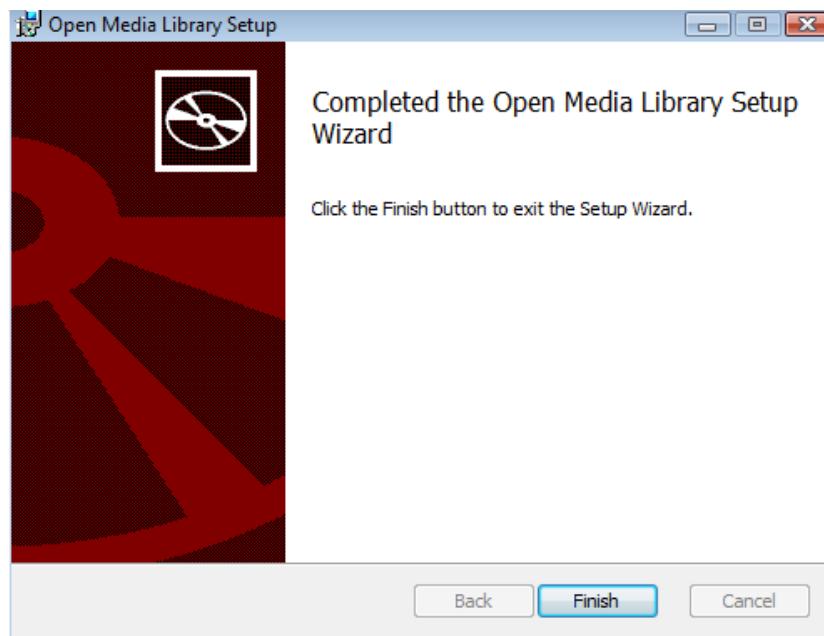
2. Once the file is downloaded, find where you saved the installer to and double-click it. After the installer opens, you will see the following screen.
Choose to accept the license agreement and click **Next** to continue.



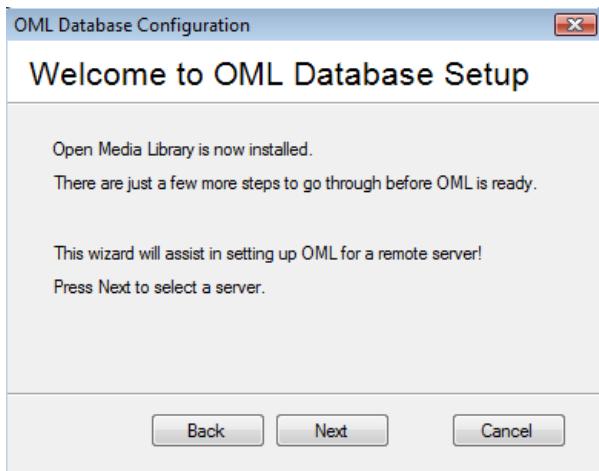
3. The installer will begin copying files.



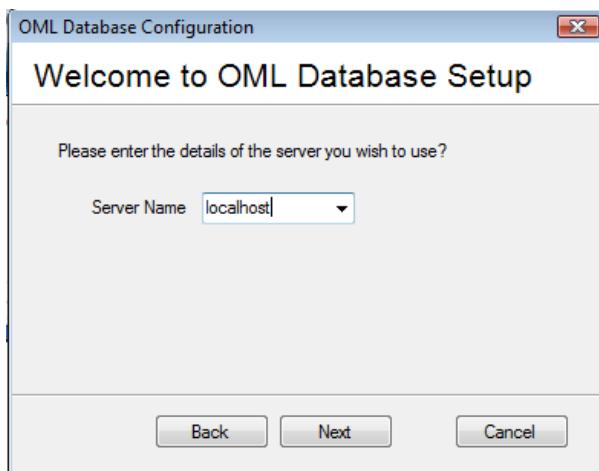
4. When the installer finishes copying files click on **Finish** to continue.



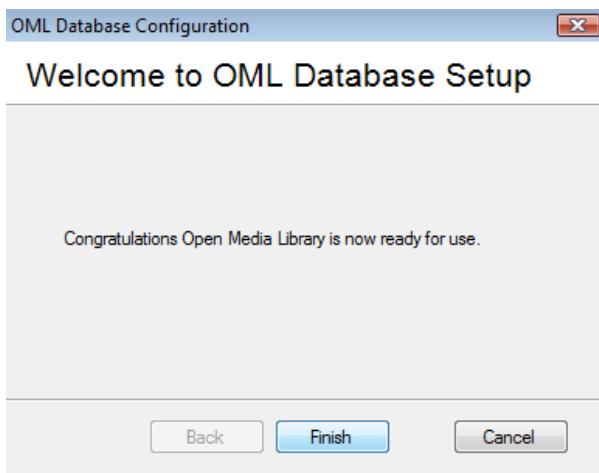
5. The OML Database setup wizard will then open. click **Next** to continue.



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.



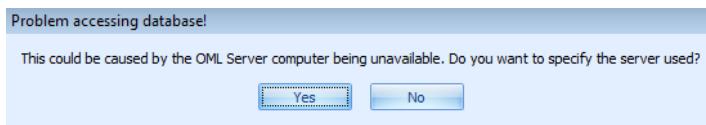
8. Browse to Start -> All Programs -> Open Media Library -> OML Database Editor to launch the Open Media Library DB Editor.



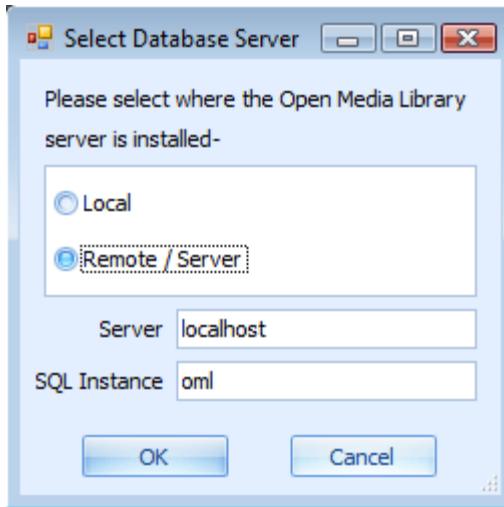
9. The OML Database Editor launches



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.

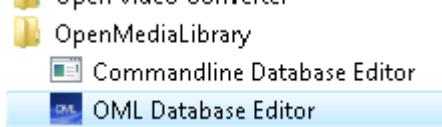
Using the Open Media Library Database Editor

Opening the Open Media Library Database Editor

1. Click the Start Button



2. Navigate to All Programs -> OpenMediaLibrary



3. Select the OML Database Editor

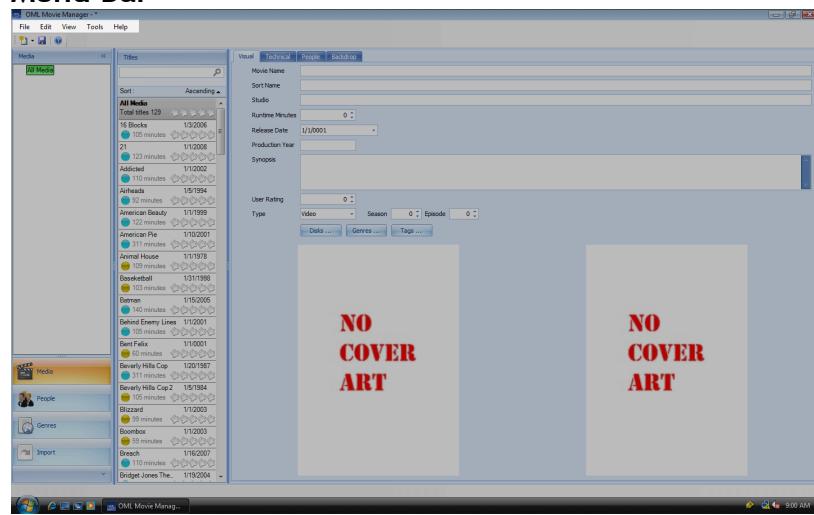
4. The OML Database Editor opens. This section will go through the features and explain how to use the database editor



Navigation

This Section will help you navigate through the DB Editor.

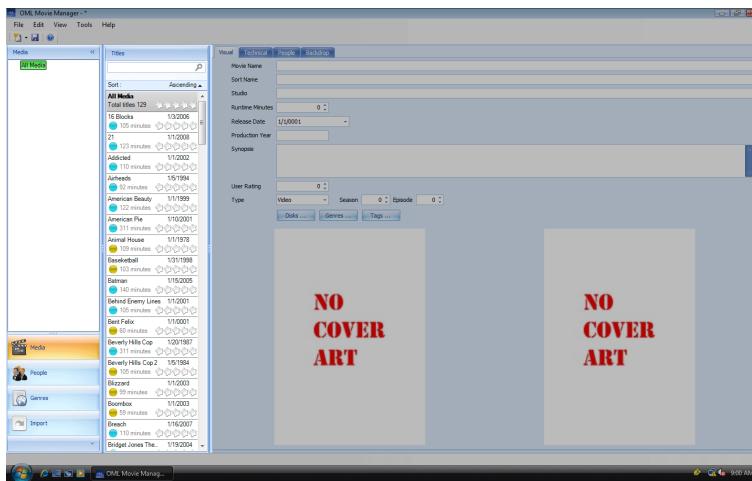
Menu Bar



- 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 reimporing
 - Transcoder Diagnostics - This is being used to debug any transcoding issues.
- Help
 - Contents
 - Index
 - Search

Media/Titles Pane



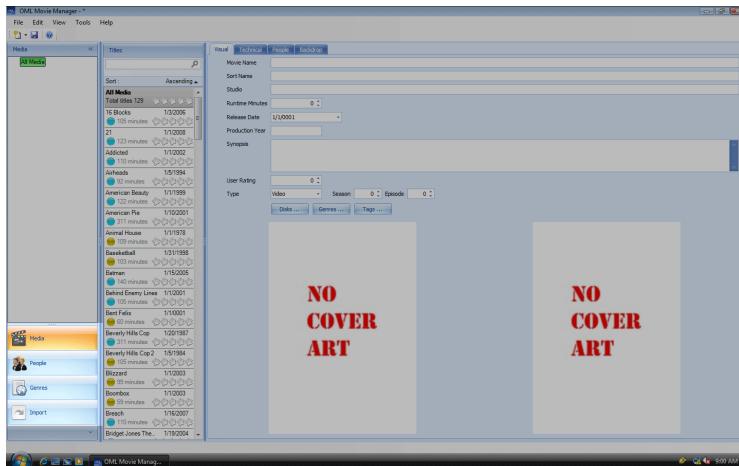
The Media Pane on the left is broken down into 3 different areas. This section will explain those areas in more detail:

- 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 your 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.

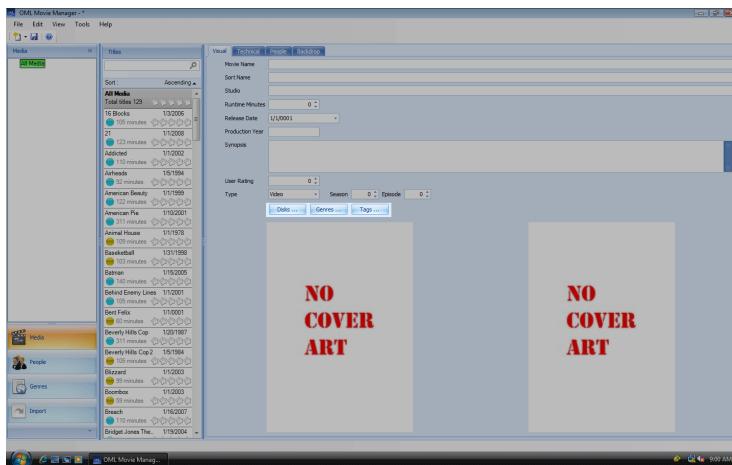
- Titles
 - This pane is where you titles will be displayed for the heading you have selected in the media pane. The following items are available to help you with your collection.
 - Search for title - Use the search bar at the top to search for a specific title in your database
 - Sort your titles
 - 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. You can click on the stars in the movie details screen to rate the movie how you want.

Quick Links (bottom left 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 your 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 your 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 also add/remove genres for the title here
- **Tags**
 - This button can be used to view what tags are associated to this title - you can also add/remove tags for the title here

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.

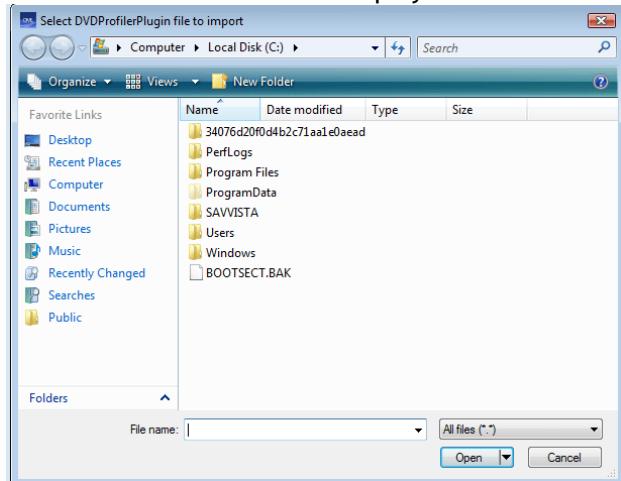
1. Click Import



2. Select DVD Profiler from the menu that appears



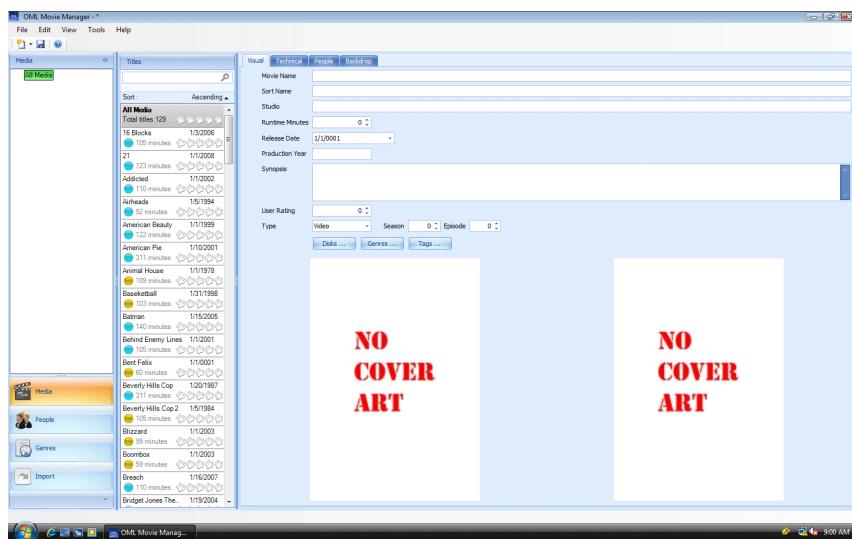
3. The browse for file window displays



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.

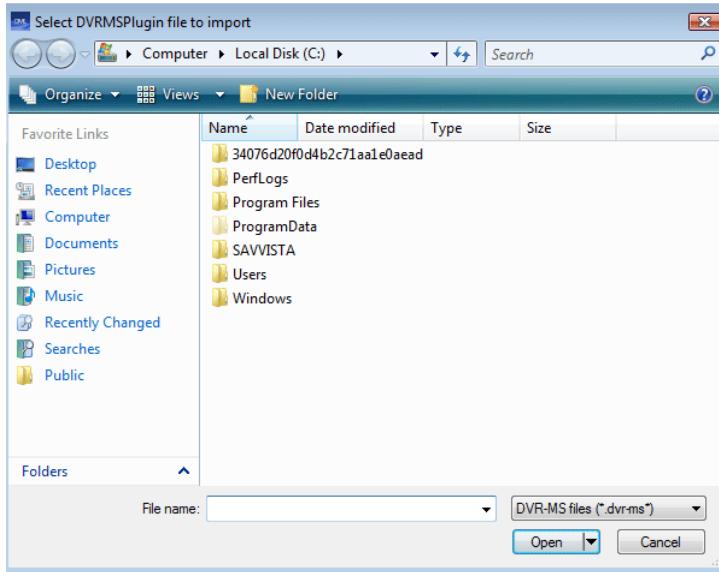
1. Click Import



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



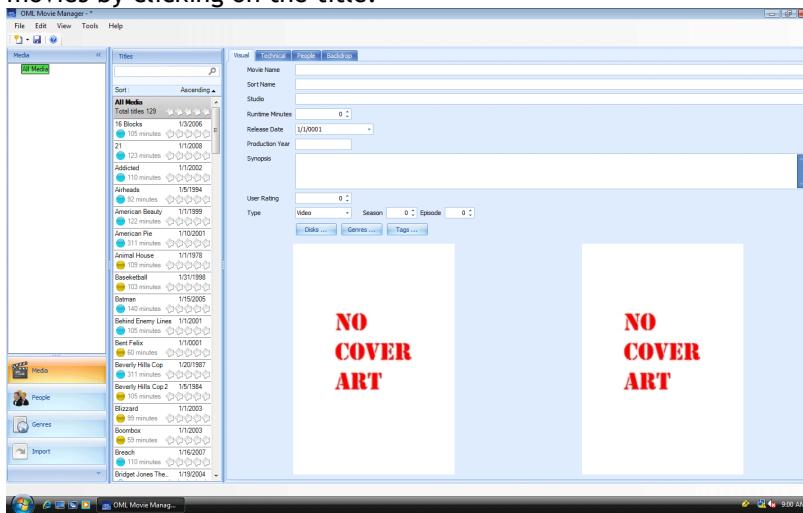
3. The browse for file window displays



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.

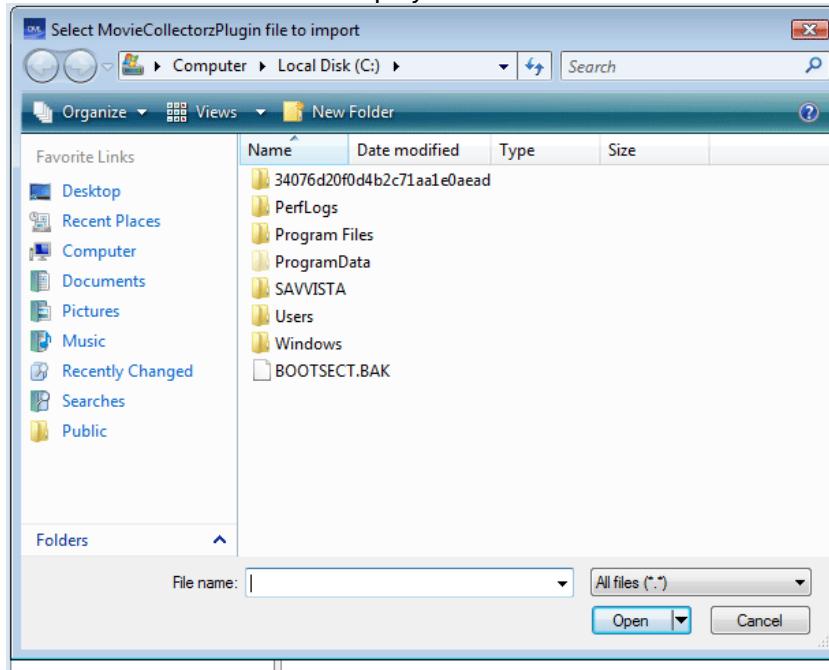
1. Click Import



2. Select Movie Collectorz from the menu that appears



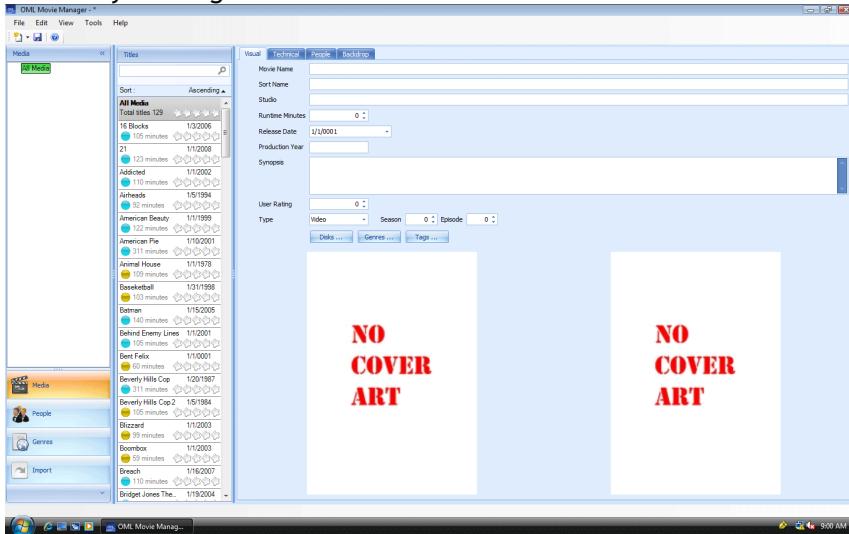
3. The browse for file window displays



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.

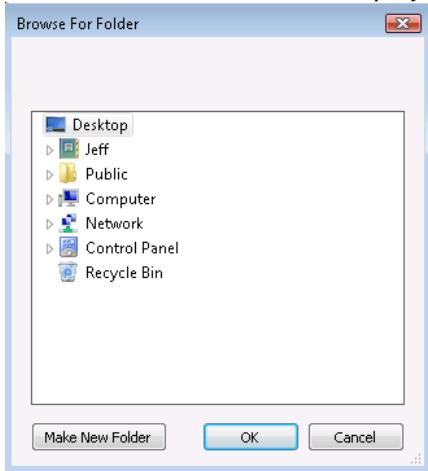
1. Click Import



2. Select MyMovies from the menu that appears



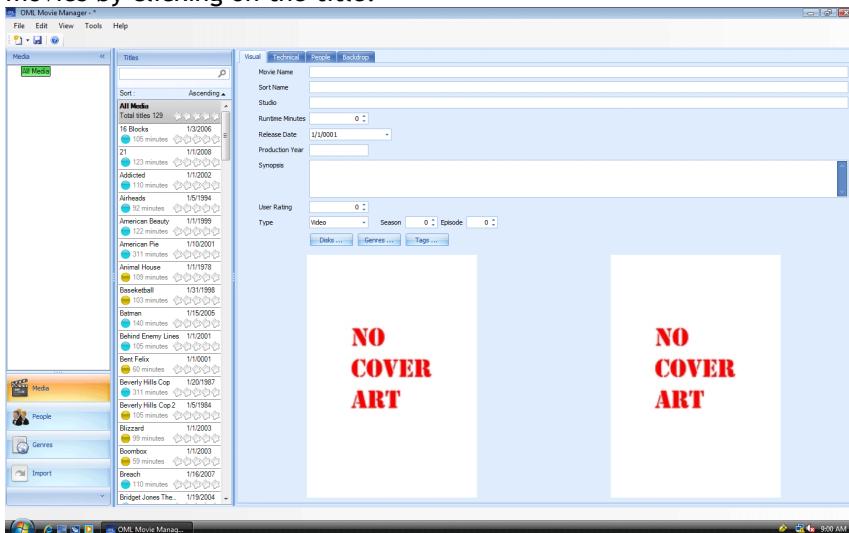
3. The browse for file window displays



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.

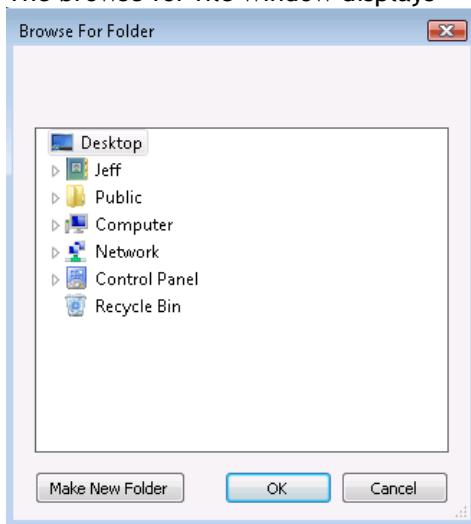
1. Click Import



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



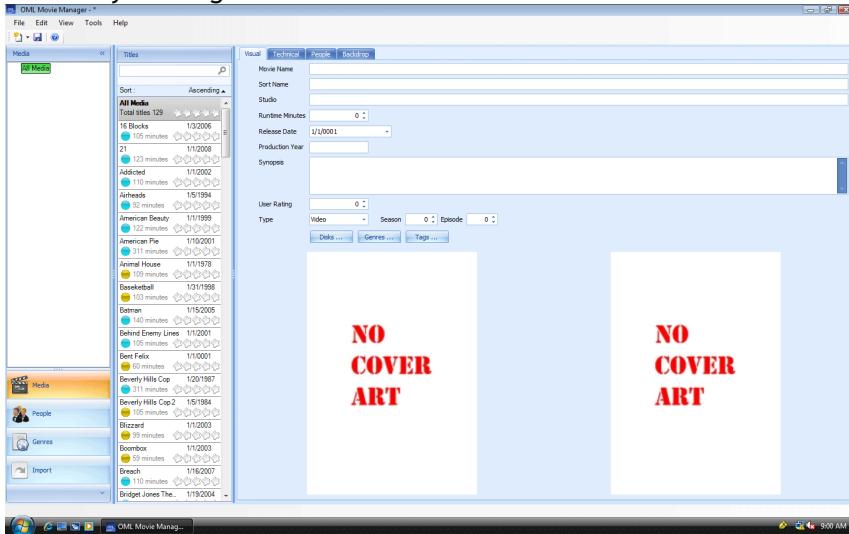
3. The browse for file window displays



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.

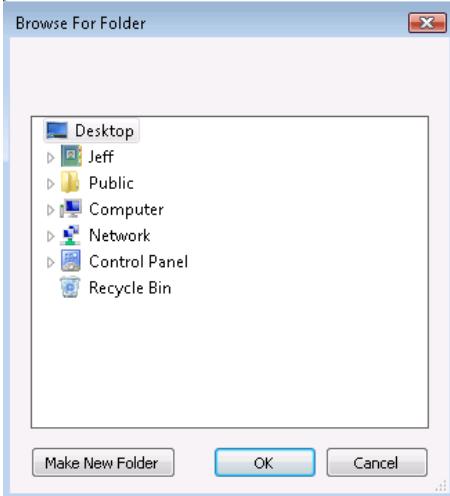
1. Click Import



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



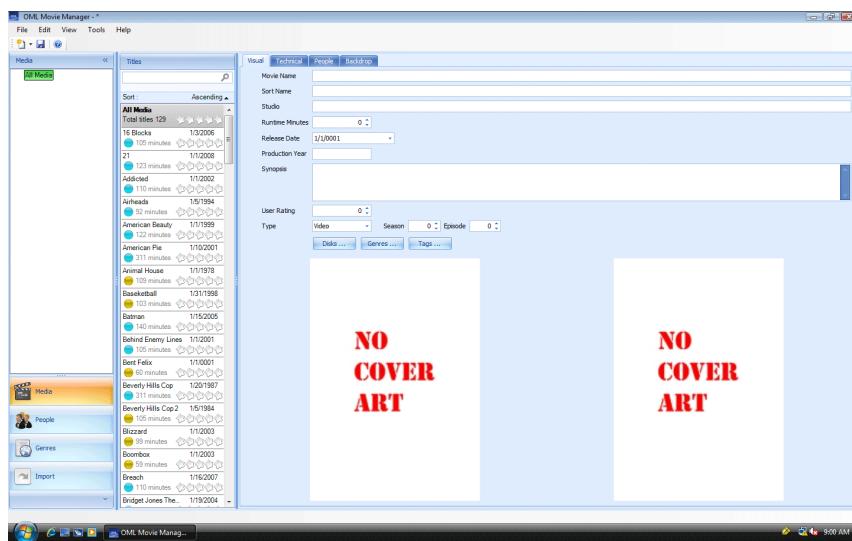
3. The browse for file window displays



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

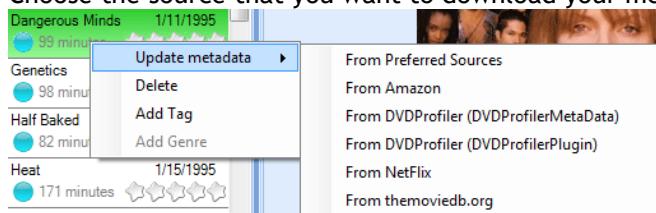
There are a couple of different ways to import the metadata for your movies database. These options are:

- 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)

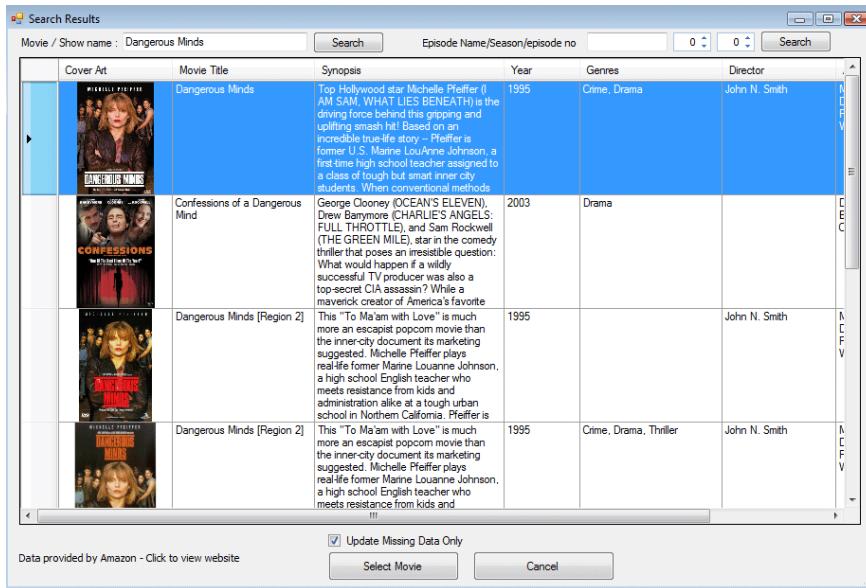
Select Source for all Metadata

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.

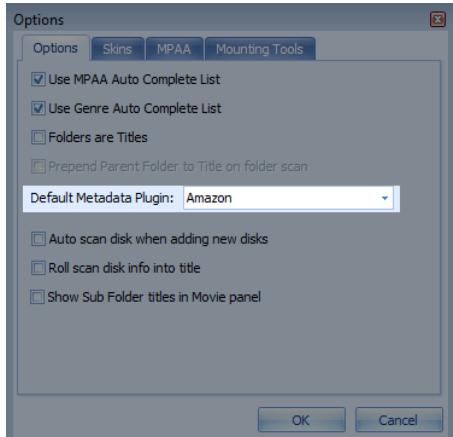


5. Select the result that best matches your title and click on Select Movie
6. If you did not get a good result you can refine your search at the top of the window.

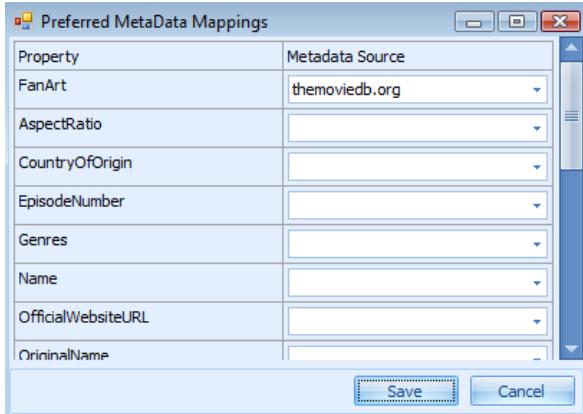
Update Metadata using Preferred Sources

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.

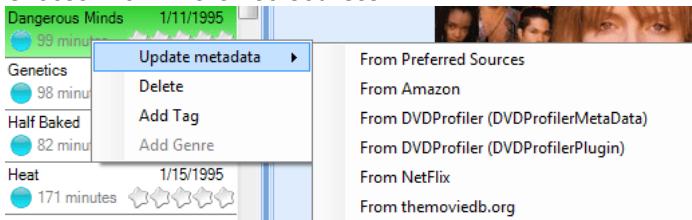
1. Click on Tools -> Options
2. Under the Default Metadata Plug-in choose the option that you want most of your metadata to come from



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

Downloading Fanart

Fanart is a feature in Open Media Library where when you browse the details of a title, if a backdrop image (fanart) exists for that title it will show it behind the movie details. If there are multiple images for the fanart the image will change on a cycle that is customizable. The DB Editor will automatically download backdrop (fanart) images from themoviedb.org if they exist, however you can also add your own images if you would like as well. To do this follow the steps below:

1. Highlight a movie from your titles list
2. Click on the **backdrop** tab
3. Right click in a blank spot and choose **Add New Backdrop**
4. The browse for file window opens
5. Select the image that you want to use and click on **OK**

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

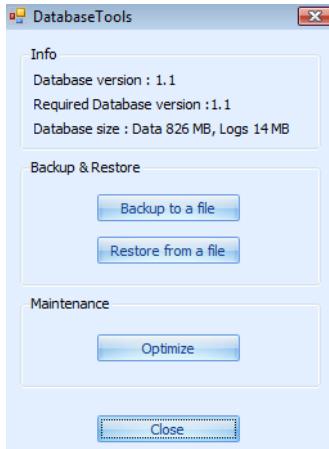
Database Tools

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.

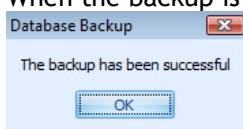
Backup database

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



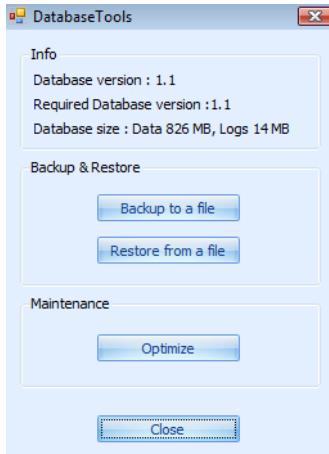
2. Click on the Backup to a file button
3. Choose the name of the file that you would like to save it as and where you would like to save the file to.
 1. By default the file is stored as OMLDatabase.bak in the C:\ProgramData\OpenMediaLibrary\Backups
4. When the backup is complete you will see the below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



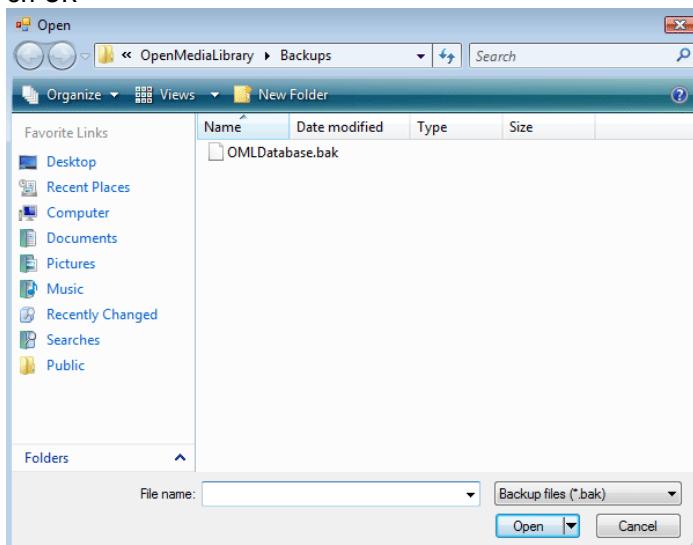
Restore a database

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.

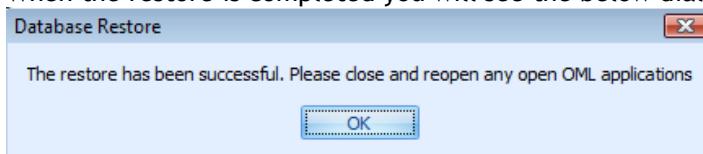
1. Click on Tools - Database Tools



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



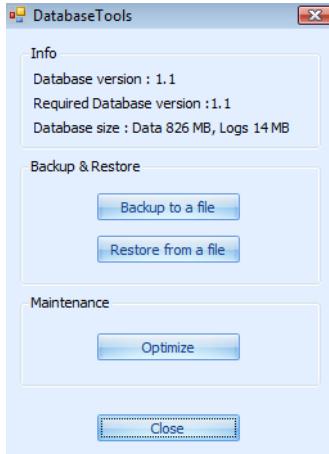
4. When the restore is completed you will see the below dialog box



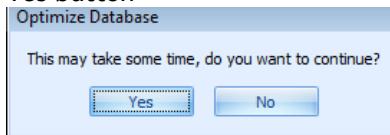
Optimize database

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

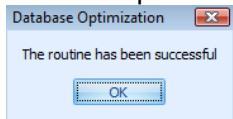
1. Click on Tools - Database Tools



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

Using Open Media Library

The First Run Wizard

The first time that you launch Windows Media Center after you install Open Media Library you will be see a wizard that will help you setup Open Media Library. Follow the steps below to set Open Media Library up.

1. Click the Start button



2. Navigate to All Programs -> Windows Media Center



3. Windows Media Center opens
4. Once Windows Media Center loads you will be prompted with a message asking you if you want to configure Open Media Library. If you wish to run the wizard click the **Configure OML** button. If you do not want to run it click No Thanks. You can re-launch the wizard from the Open Media Library settings if you cancel out of this wizard.



5. Click **next** to begin configuring Open Media Library



6. Choose how you would like to launch Open Media Library and click **next**.



The following options are available for this:

- Keep my Existing Start menu Configuration (will only show up if you have previously installed the SQL version of Open Media Library)
 - Create an Open Media Library Start Menu Strip (Creates a strip called Open Media Library from the main Media Center Menu)
 - Access open Media Library from Program Library (Creates a link in Online Media -> Program Library for Open Media Library)
7. Open Media Library is now configured, click **Finish** to close the wizard. You must restart Windows Media center for your changes to take effect.



Launching Open Media Library

1. Click the **Start** button



2. Navigate to All Programs -> Windows Media Center



Windows Media Center

3. Windows Media Center opens
4. Once you have opened Windows Media Center, navigate to your Open Media Library installation and launch the application
 - If you created your own start menu for Open Media Library, browse to the Open Media Library strip and click on Movies to launch the application
 - If you created the application under the program library browse to Online Media and click on Program Library. Open Media Library will have a tile in this screen.

- Once you launch the Open Media Library you should something similar to the screenshot below

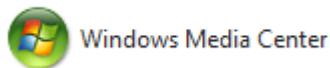


Playing a Movie in Open Media Library

- Click the Start button



- Navigate to All Programs -> Windows Media Center



- Windows Media Center opens
- Once you have opened Windows Media Center, navigate to your Open Media Library installation and launch the application
 - If you created your own start menu for Open Media Library, browse to the Open Media Library strip and click on Movies to launch the application
 - If you created the application under the program library browse to Online Media and click on Program Library. Open Media Library will have a tile in this screen.
- Once you launch the Open Media Library you should something similar to the screenshot below



- Browse to a movie that you want to watch and select it
- The Movie Details screen appears



8. Click Play to start the movie

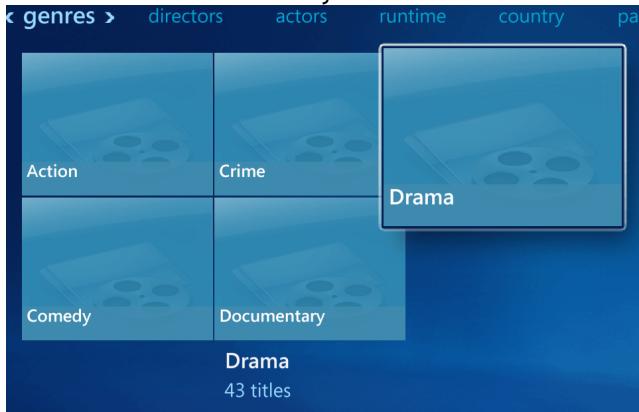
Sorting your Movie Collection

Sorting your movie collection allows you to narrow down specific movies that you are interested in. Follow the below steps as an example.

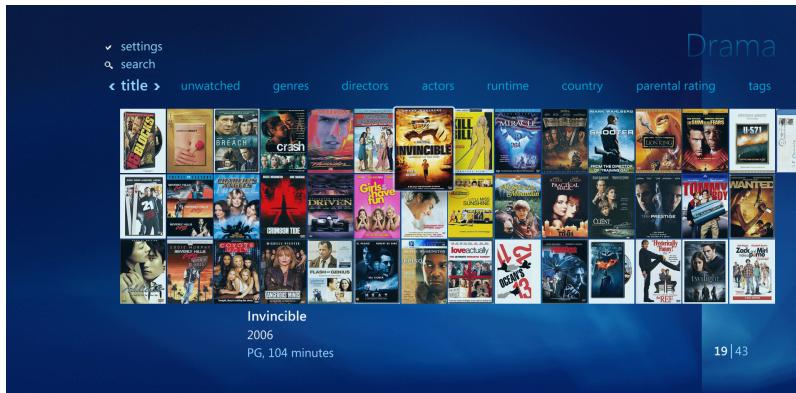
1. [Launch Open Media Library](#)
2. At the top of the screen is a list of different filters that you can choose from



3. Click on the filter you would like to use (We will use Genre in this example)
4. A list of items that match your filter will show



5. Click on a sub-filter to see the movies that match that filter



6. If you would like to do a filter on these matches you can follow steps 2-5 again.
7. Select a movie, the movie details screen appears

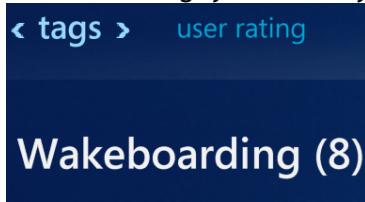


8. Click the play button to start the movie

Sorting Movies using the Tags Feature

Tags can be entered into the Database editor and allows a user to have a more refined filter such as a specific title. Follow the steps below to sort your movies by tags

1. [Enter your tags](#) into the DB Editor
2. [Launch Open Media Library](#)
3. At the top of the screen locate the tags filter and select it
4. A list of the tags you have in your database will display



5. Select the tag you want to filter by
6. A list of movies that matches that tag will display



7. Select the movie, the movie details screen appears



8. Click play to start the movie

Sorting Movies using the Alpha Jump Bar

The Alpha jump bar allows a user to jump to movies that start with a specific letter. To use this feature follow the steps below

1. Turn the Alpha Jump bar setting on
2. [Launch Open Media Library](#)
3. At the top of the screen is the list of letters that have movies associated to them.
4. Select the letter that you want to see movies with
5. A list of movies that start with that letter display.
6. Select a movie, the movie details screen appears



7. Click play to start the movie

Customizing Open Media Library

Open Media Library Settings

Open Media Library hosts a series of settings to help you customize the way that the application works. This section goes into depth on what settings do and how to utilize them. To get to the settings follow these steps:

1. Launch Open Media Library
2. Click on Settings at the top of the screen

General Settings

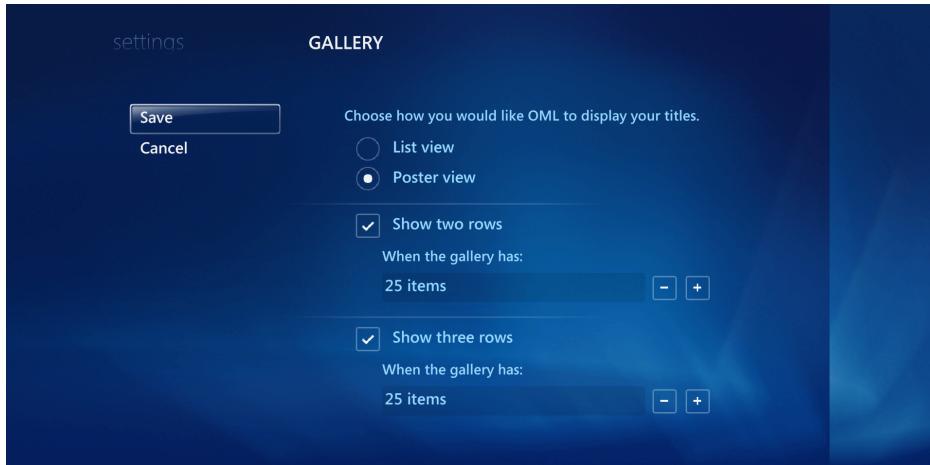


General Settings affect the way that the application looks and feels to the user. The following sub-screens are available:

- Gallery
- Theme

- Background
- Open Media Library Setup
- Additional Settings
- Start Menu

Gallery



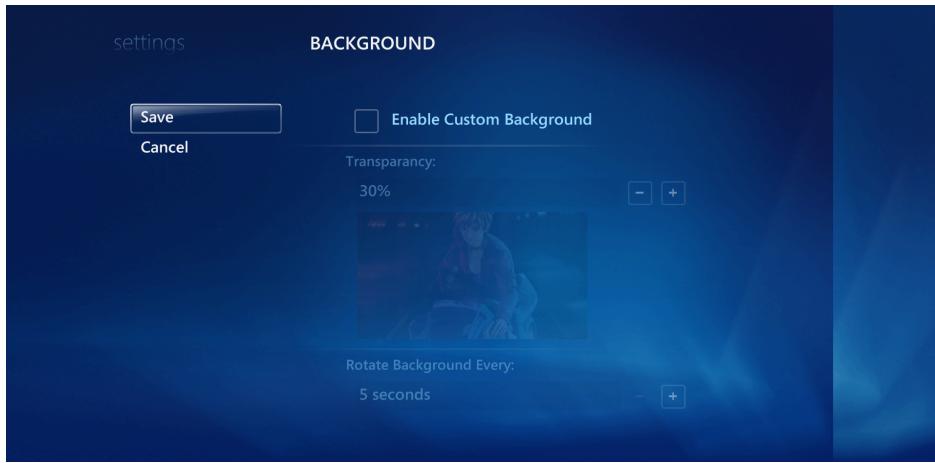
The Gallery Screen allows you to modify how Open Media Library will look to users. The following settings are available:

- Choose how you would like OML to display your titles
 - List view - Lists out the movies (no cover art is shown)
 - Poster view - Displays cover art
- Show two rows - Allows you to set how many movies must be in your database to show 2 rows of movies
- Show three rows - Allows you to set how many movies must be in your database to show 2 rows of movies

Theme

Not currently active

Background



The Background page allows you to put a customized background on the main Movie page. You can put as many images as you want in the C:\ProgramData\OpenMediaLibrary\MainBackDrops folder and set how often you want the image to rotate. The following settings are available for this feature:

- Enable Custom Background - Enabled (checked) or disabled (Unchecked)
- Transparency - This determines how faded the image will show up
- Rotate Background every - Allows user to customize how often they want the backdrop image to change. If only one image is in the folder the rotate feature will not work.

Open Media Library Setup

This setting allows the user to re-run the first time setup wizard

Additional Settings

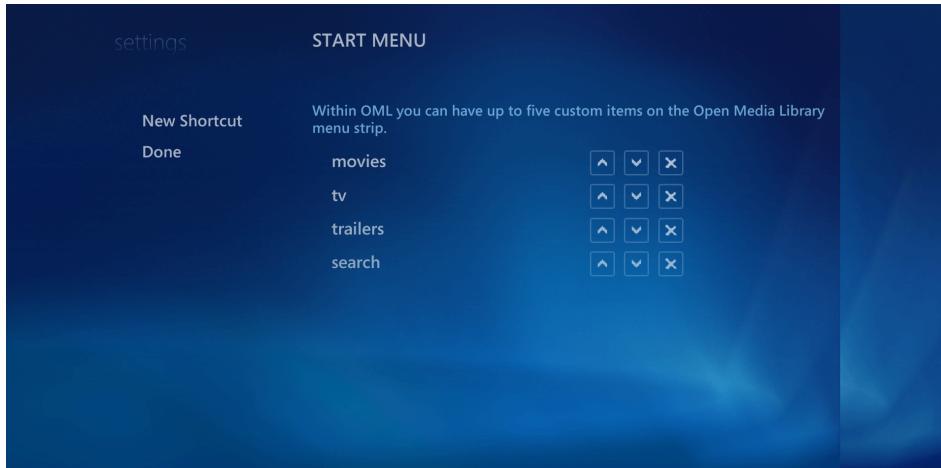


The following settings are available in this screen:

- Use Alpha Jump - This setting will put an alphabetical quick list at the top of the movies screen which allows users to jump to movies that start with a certain letter

- Show unwatched icon - This setting will display an icon on the movies that have not been watched
- Allow deletion of movies - This setting will allow users to delete movies from the database from within media center.
 - If users delete movies from within media center, the movie will be deleted from the database and from your server - this cannot be undone.

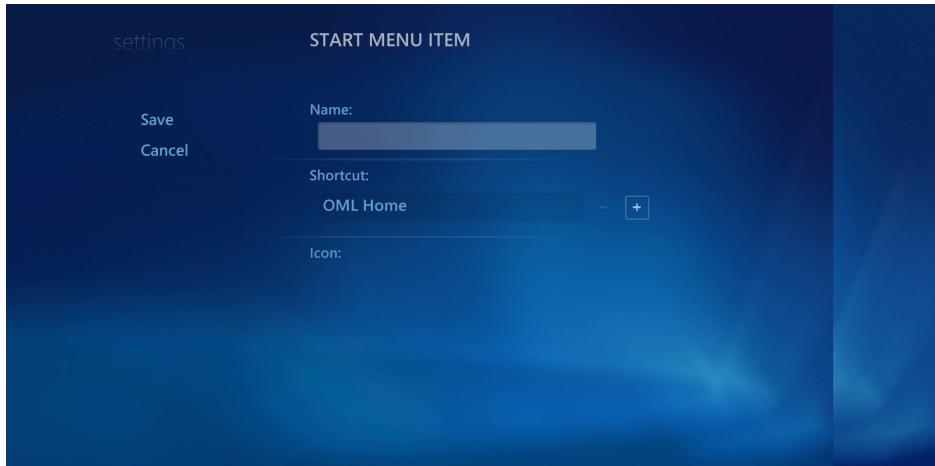
Start Menu



The Start Menu screen allows users to determine what shortcuts are on the Open Media Library strip (if used). Users are also able to select the order in which they appear. Use the Up and down arrows to move the shortcuts around or the 'x' to delete the shortcut. Users are also able to create new links by using the new shortcut link on the side of the screen. By default the Open Media Library strip will have the following shortcuts available:

- Movies
- TV
- Trailers
- Search

New Shortcut



Make the setting changes below to create a new shortcut on the Open Media Library strip (You will need to restart Media Center for these changes to take affect)

- Name - How you would like the shortcut to read
- Shortcut - you can quick link the shortcut to the following items
 - OML Home - quick link to your media in Open Media Library
 - Trailers - quick link to trailers
 - Search - quick link to search for a movie
 - Settings - quick link to the settings screen
- Icon - If you want to put a custom picture in the shortcut you can assign it here

Favorites

Not currently active

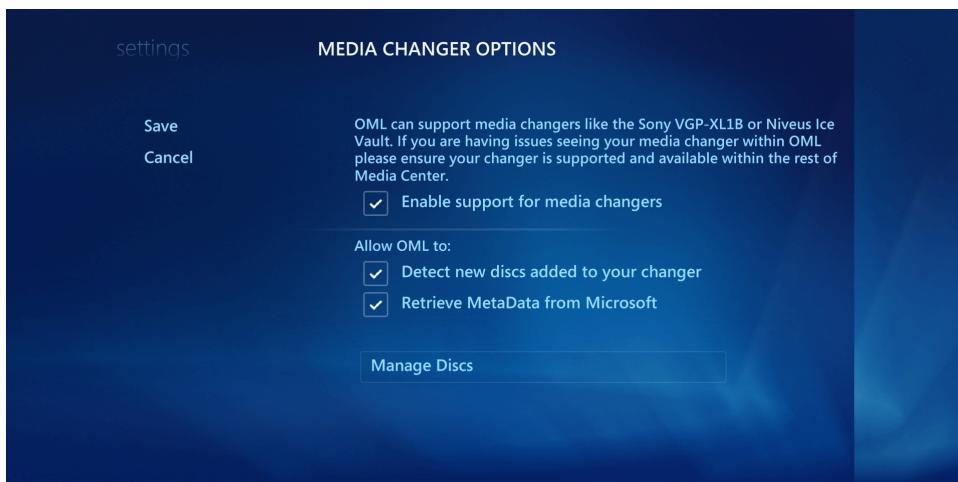
Filters



The filters screen allows you to select which options are available for sorting the movies. All of the filters can be modified in the dbeditor. The following filters are available

- Unwatched
- Actors
- Country
- Date Added
- Directors
- Format
- Genres
- Parental Rating
- Runtime
- Tags
- User Rating
- Year

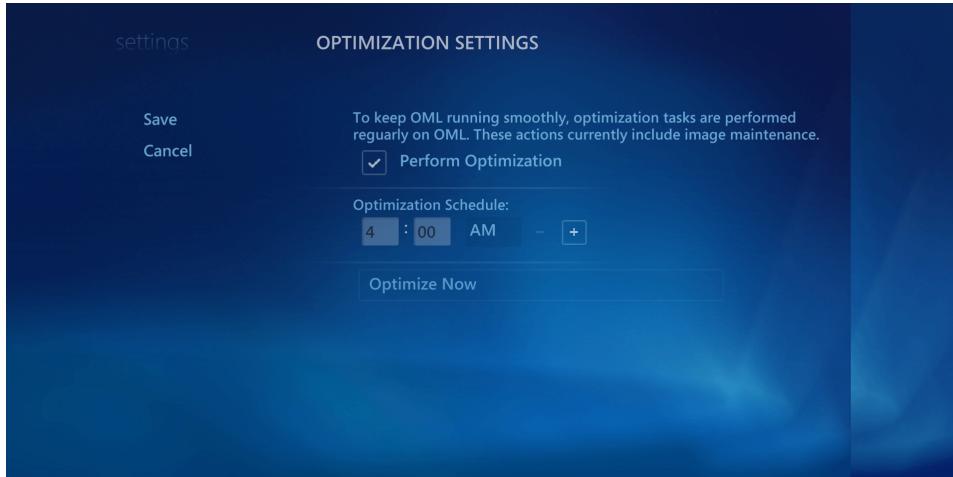
Media Changers



If you use a media changer to store your movies, use this screen to change the settings for how your media changer interacts with Open Media Library

- Enable Support for media changers - enabled (checked) or disabled (unchecked)
- Allow OML to
 - Detect new discs added to your changer
 - retrieve metadata from Microsoft
- Manage Discs - connects to your media changer and allows you to manage the discs that OML uses.

Optimization



Optimization tasks can be performed at a specified time to help keep your database running smoothly.

- Perform Optimization - Enabled (Checked) or disabled (Unchecked)
- Optimization Schedule - when you would like the optimization to run every day
- Optimize now - if you want to optimize your database manually click on this button

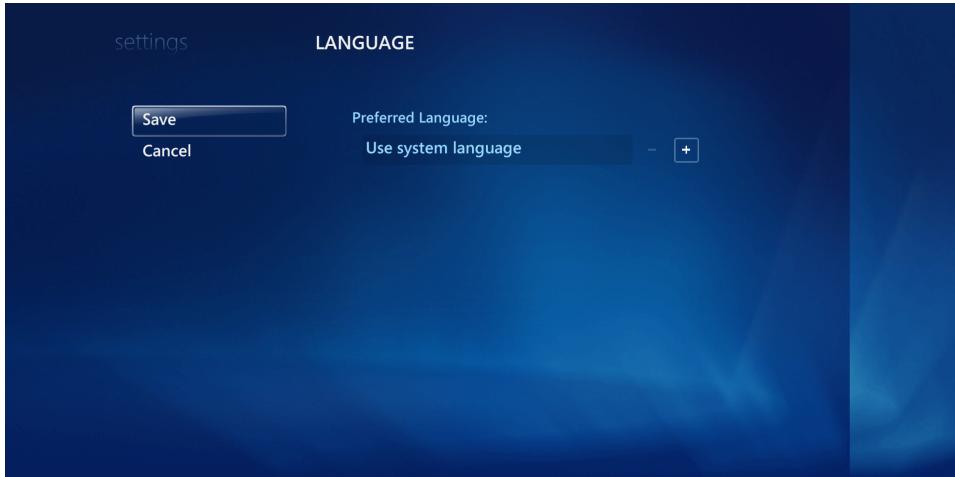
Image Mounting



If you use a tool such as Daemon Tools or Virtual Clone drive to mount ISO files go into this screen to make changes. When you first click on the button for image mounting, Open Media Library will attempt to find your image mounting software. If it is not found click on the advanced button and set it up manually

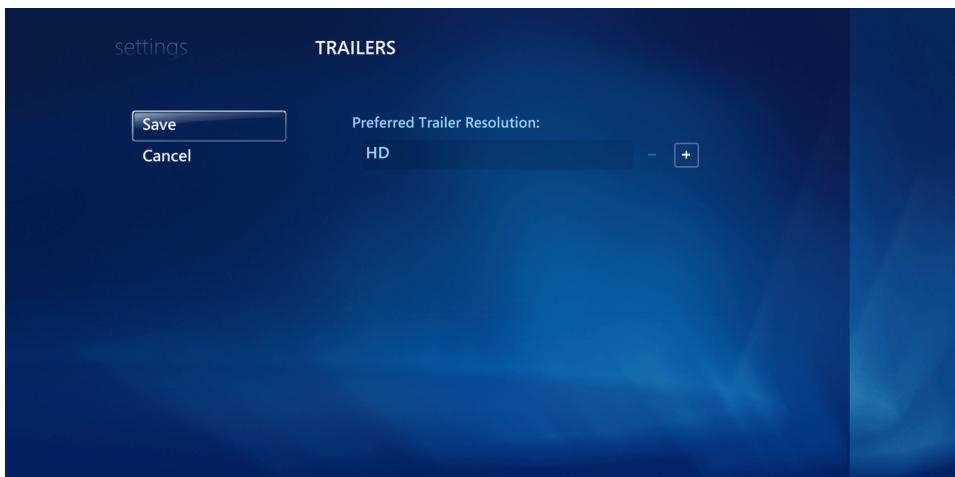
- Manually configure image mounting - enabled (Checked) or disabled (unchecked)
- Mounting Tool
 - Daemon Tools Lite
 - Virtual Clone Drive
- Mounting Tool Path - Path to where the mounting tool is installed
- Virtual Drive - Drive that your Virtual Clone Drive tool uses

Language



By default Open Media Library uses the same language that your operating system is set to use. If another language is desired change it in this screen

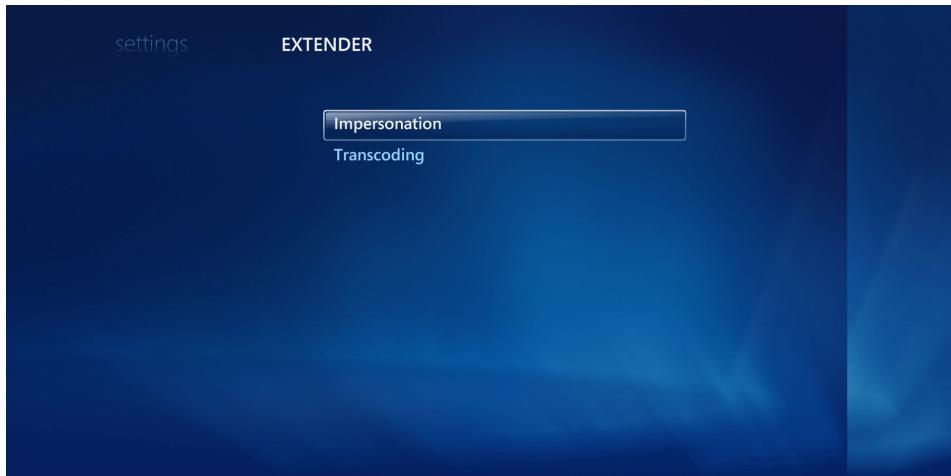
Trailers



The trailers settings page allows user to determine what format the trailers will be displayed in. The following settings are available for the format

- HD - High Definition
- Standard - Standard Definition

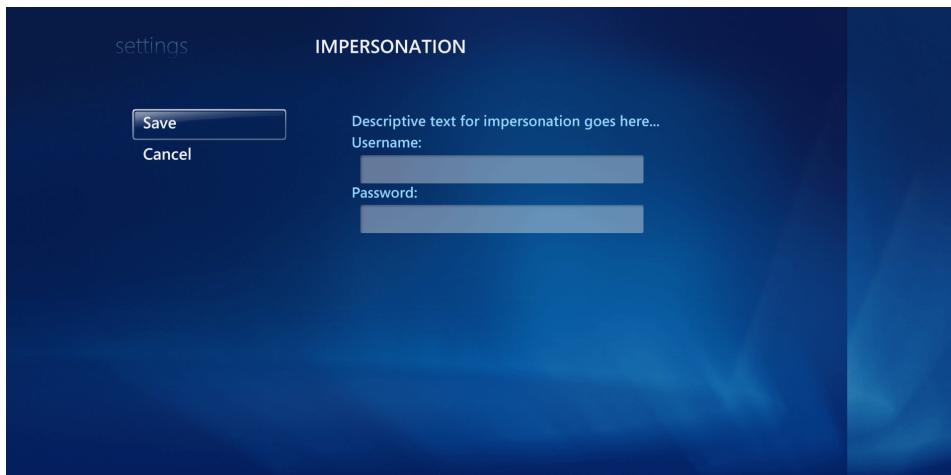
Extender



The extender settings screen has two sub-headings:

- Impersonation
- Transcoding

Impersonation



Impersonation settings are used to determine a user that has access to network shares that movies can be stored on

Transcoding



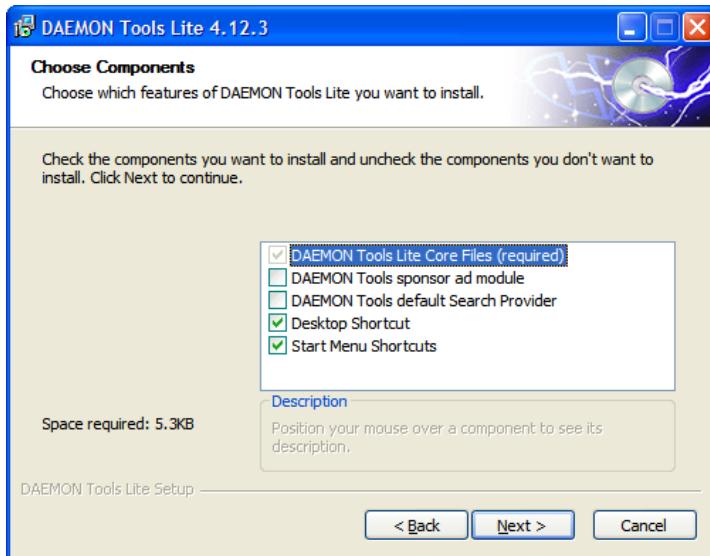
Transcoding settings are used for extenders. If you have an extender and are running Microsoft Windows Vista, you will need to transcode some file types to allow them to play on your extender. If you are running Microsoft Windows 7 you will not need to modify these settings as Windows 7 will automatically transcode for you. The following settings are available for transcoding:

- Transcoding Delay - the amount of delay that will be delayed before the movie starts playing.
 - Slower systems or network connections may need to set this to a higher number to avoid stuttering in movies
- Additional Formats - Configure what formats need to be transcoded. Some extenders play formats that others will not. You should find out what formats are supported on your extender before changing these settings
 - Transcode AVI files
 - Transcode MKV files
 - Transcode OGM files
- If you are transcoding a non-DVD format you can choose to preserve the audio stream or have that transcoded with the file.

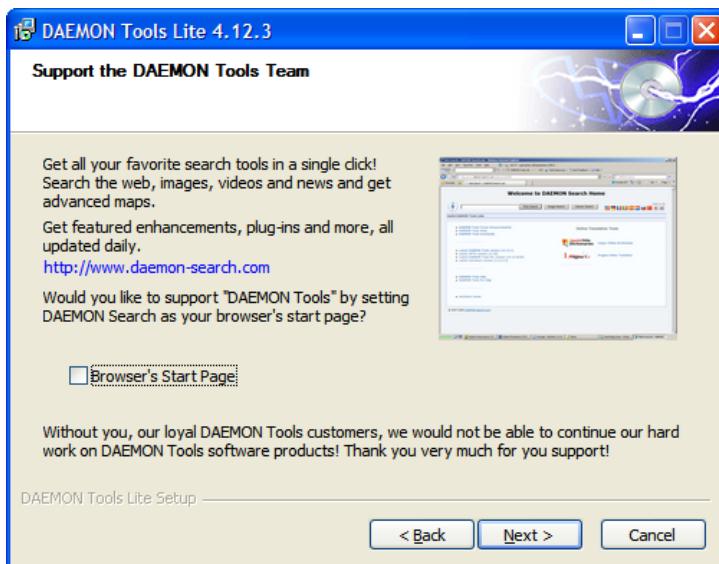
Appendix A: Installing Optional Software

How to install Daemon Tools for use with Open Media Library

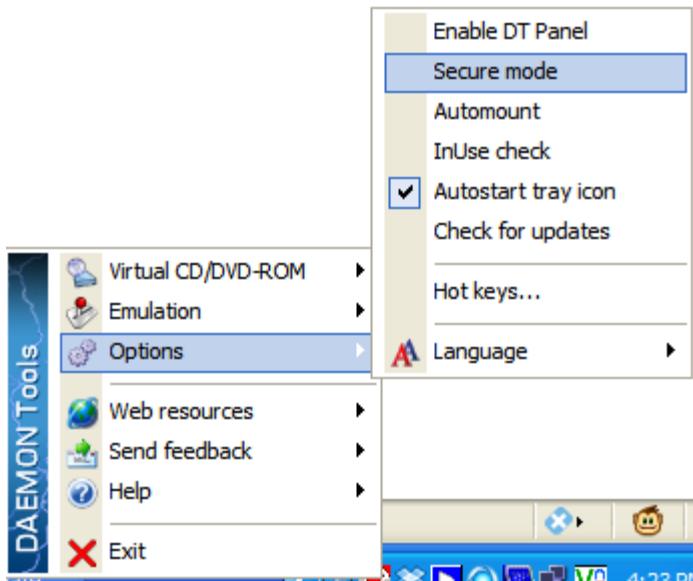
1. In tests, the OML team has found that Daemon Tools older than version 4.30.1 work the best. See [Optional software section](#) for download link.
2. Run the installer and reboot your computer when it prompts you to.
3. After your computer reboots, continue to run the the Daemon installer. Deselect DAEMON Tools sponsor ad module and DAEMON Tools default Search Provider as shown below. You can decide if you want the shortcut on your desktop or not.



4. Deselect the option to change your Browser's Start Page.



5. Once Daemon tools starts, right-click on the Daemon Tools icon in your task tray. Deselect 'Secure mode' (critical for use with OML) and 'Check for updates.'



Appendix B: Writing your own SQL Scripts

WARNING: Writing your own SQL scripts is an advanced users tool and can cause irreparable damage to your database - do not attempt this if you are unsure what you are doing.

With the new SQL database users now have the ability to write their own SQL scripts. Below is a guide of how to accomplish this.

Pre-requisites:

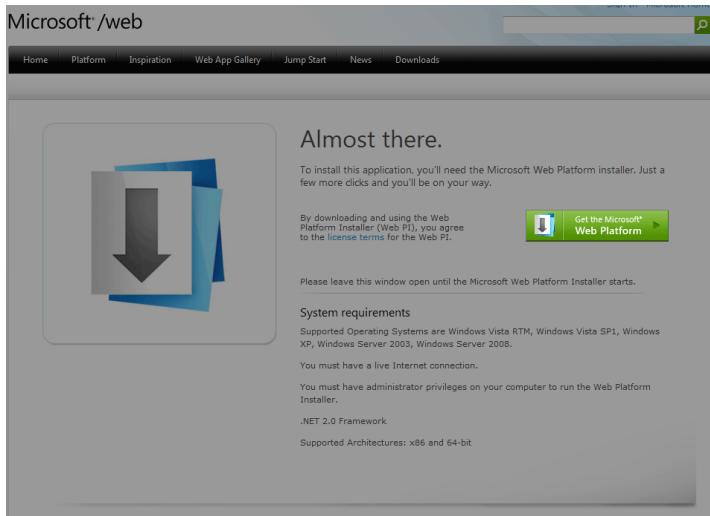
The following programs are needed in order to get the Database Management Tools installed:

1. Windows Powershell 1.0. Can be downloaded [here](#)
2. Microsoft SQL Server Database Management Tools (See next section for installation instructions).

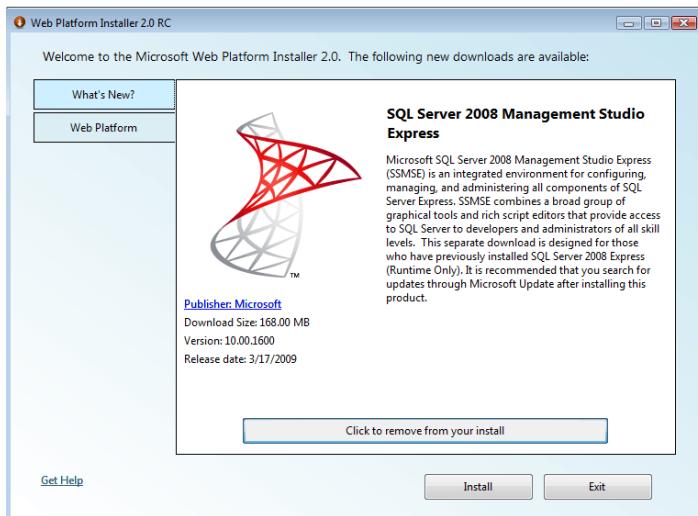
Installing Microsoft SQL Server Database Management tools:

If you installed OML using the pre-configured build, you will need to have the database management tools installed. Follow the below steps to install the Management Studio tools:

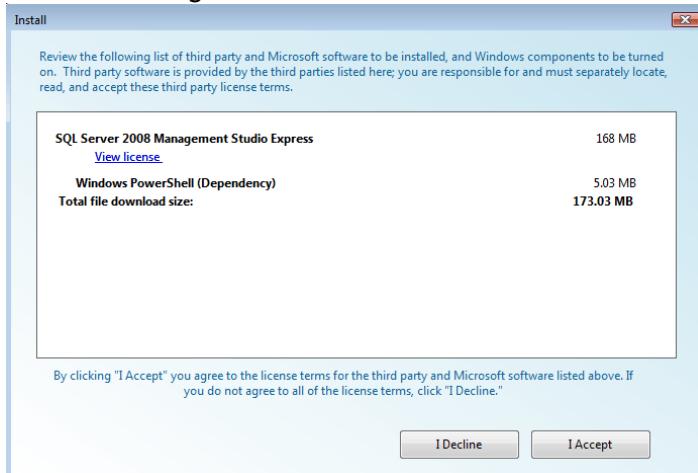
1. Go [here](#) to get the install
2. On the page that you come to, Click on the Green button as shown below:



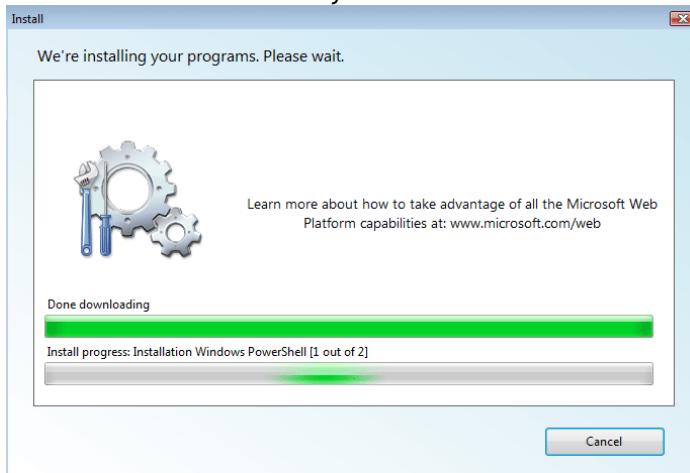
- Once you install the Web Platform Installer, you will see the following screen. Click on install to continue



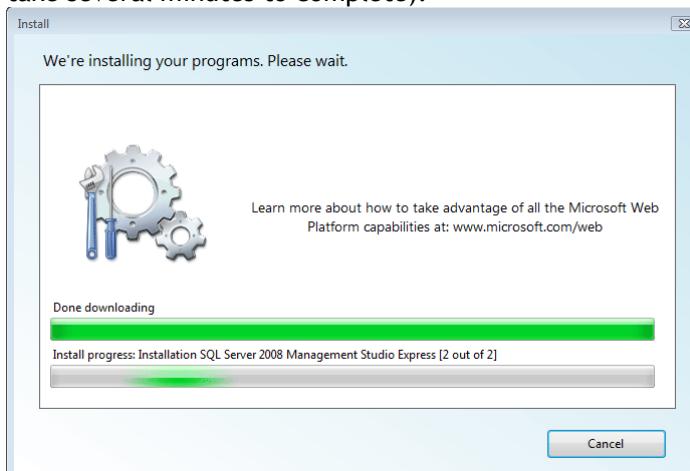
- Click on the I Agree button to start the installation.



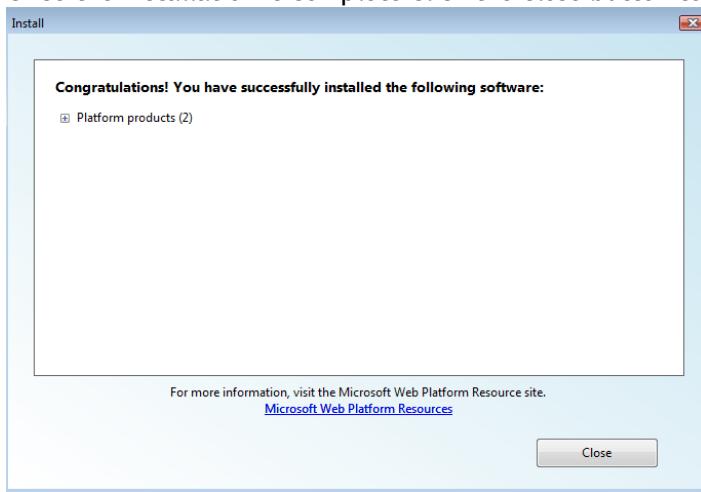
5. If you do not already have Microsoft Powershell installed, the installer will automatically download and install it for you.



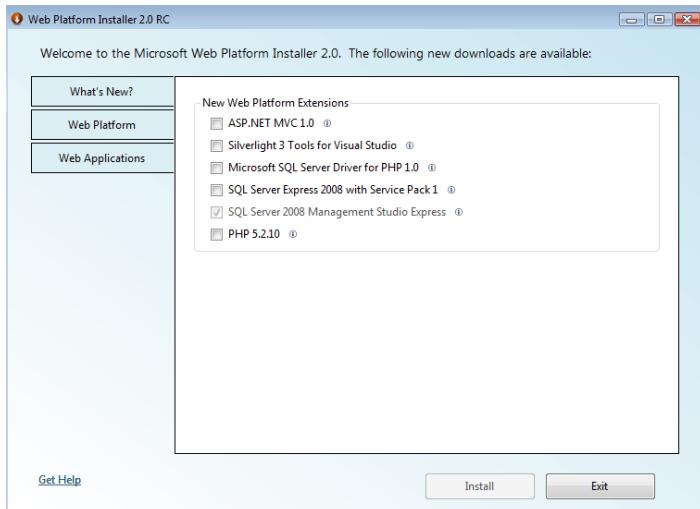
6. Once powershell is installed the installer will install the Management Studio tools (this may take several minutes to complete).



7. Once the installation is complete click the close button to continue



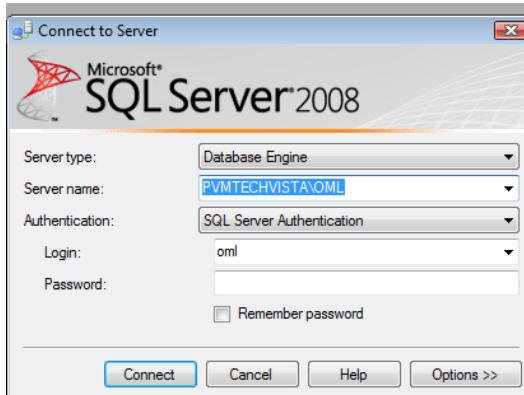
8. Click Exit



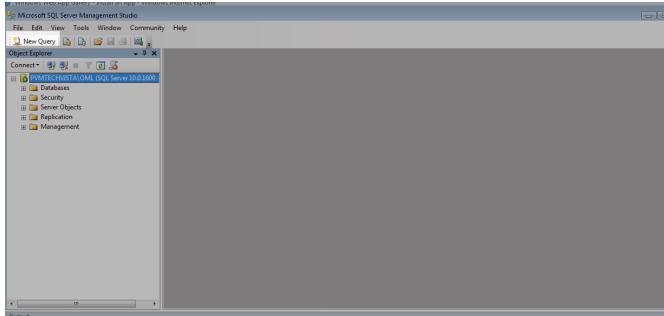
9. Microsoft SQL Server Management Studio is now installed

Writing your own SQL Scripts

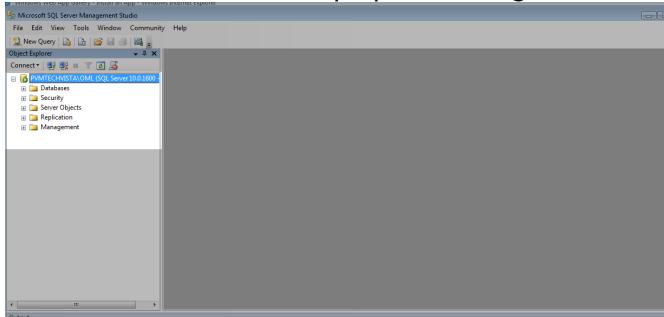
1. Navigate to Start - All Programs - Microsoft SQL Server 2008 - SQL Server Management Studio
2. When you open up the application you will see the following screen - Login with the credentials below



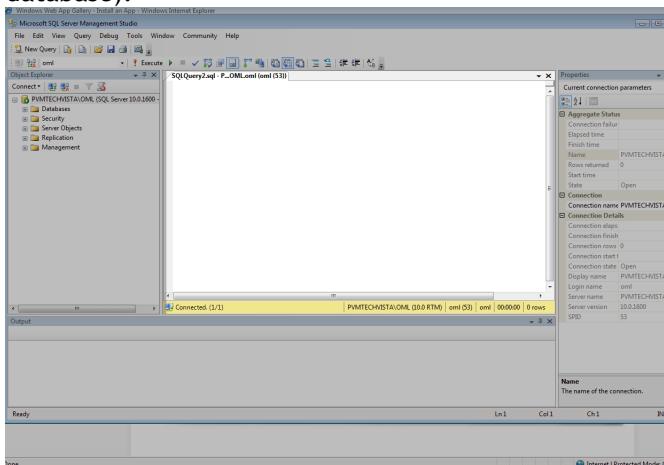
1. Server Name: MachineName\OML
2. Authentication: SQL Server Authentication
3. Login: oml
4. Password: oml
3. Once you have connected to the database you can start writing SQL Queries by clicking on the New Query button



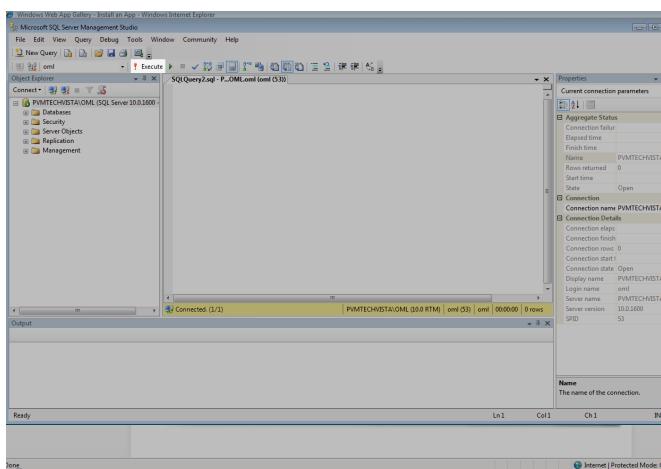
4. You can view the database properties using the tree in the left-hand pane



5. Once you click on the New Query button, type your query in the right-hand pane (We have included the Entity Relationship Diagram below to show you the table structure of the OML database).



6. To execute your query click on the execute button above your query



Entity Relationship Diagram (ERD)

Here is the Entity Relationship Diagram (ERD) for the OML Database:



Revision History

Document Version	Editor	Date	Changes
1.001	Gahvey	6/05/09	Original- New SQL Quide
1.002	Gahvey	7/28/09	Added new DB Editor Instructions
1.003	Gahvey	7/31/09	Added Appendix A and B
1.004	Gahvey	8/11/09	Started work on Media Center UI documentation
1.005	Gahvey	8/21/09	Completed most of the settings section
1.006	Gahvey	8/24/09	Added ERD