

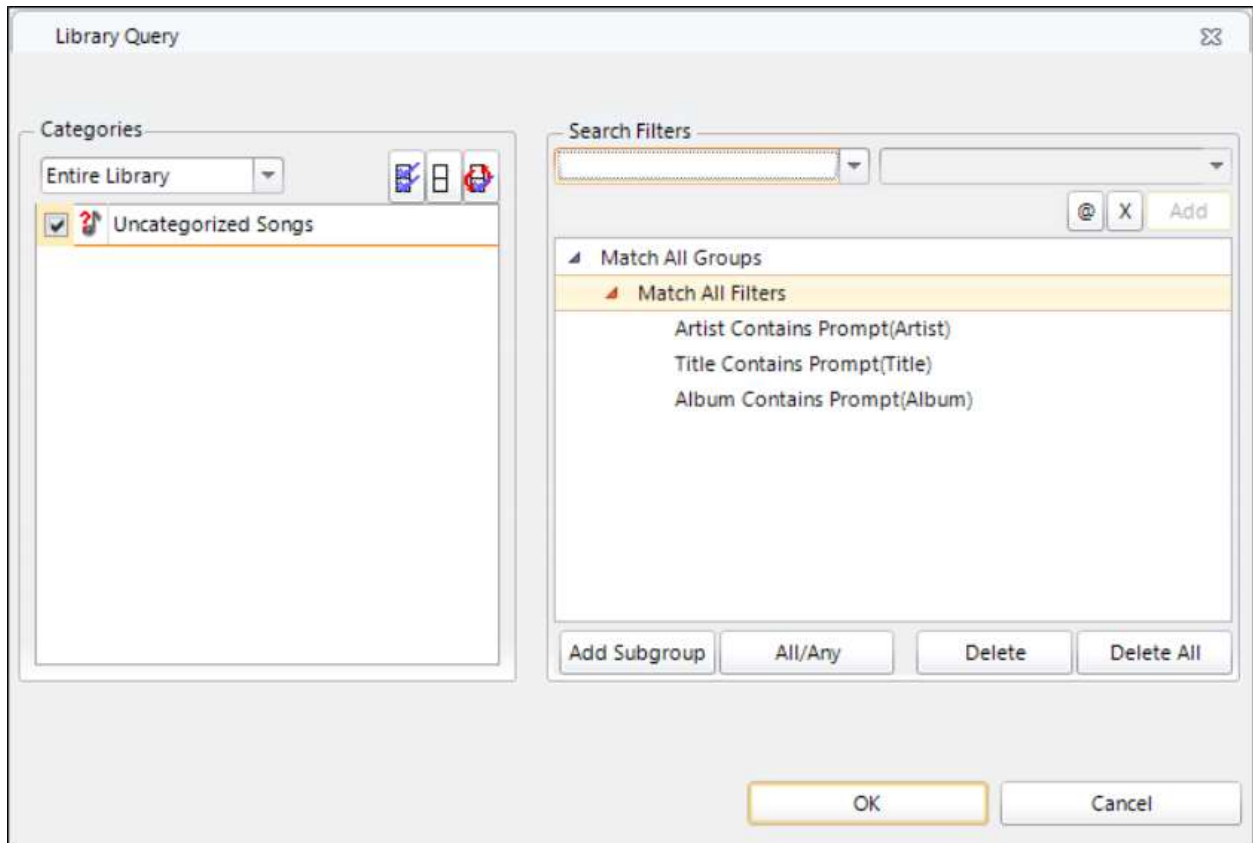


MusicMaster CS
SCHEDULING Client-Server Edition

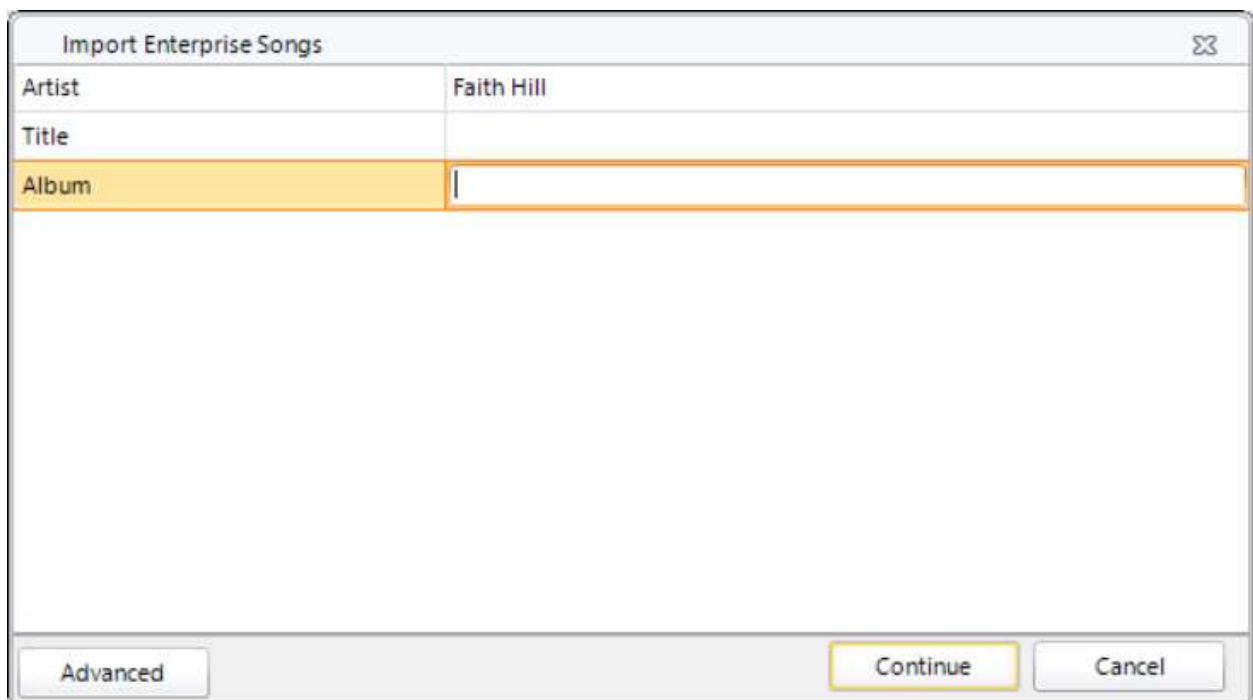
WHAT'S NEW IN VERSION 2.2

From the new way to manage your Enterprise library, permissions upgrades, to library maintenance improvements, there is much to explore in the latest version of MusicMaster CS.

You likely have restricted access to the Enterprise library since changes made there can affect many stations. It's still important to allow users to tap into all of that information. Previously, the only way to add existing Enterprise songs to a station was having someone with Enterprise rights check the station checkbox to assign the song to the station. If the user had rights, they could also add songs in the station, which also added it to the Enterprise data with the appropriate checkbox engaged. If that user didn't have rights to search Enterprise, they could easily add songs that were already in the database, causing duplicate entries. We've added the Enterprise, Import Enterprise songs option to address this. In Enterprise, you configure a query that will be available to users in a station. You'll control what categories in Enterprise they can search and what criteria. This example gives access to the library searching the Artist, Title or Album fields.



With this set up in Enterprise, in a station, you can now access this query to look for songs when new songs need to be added.



The result lists all the songs that match the criteria. If the song is already in the station, it has a gray background. If it is not in the station, it has a white background.

| Song ID | CategoryID | Title | Artist | Album |
|---------|------------|---|-----------------------|--|
| 1 | ? | Breathe [Pop Version] | Faith Hill | |
| 6 | ? | The Way You Love Me [Country Single...] | Faith Hill | Breathe |
| 39 | ? | Let's Make Love | Faith Hill/Tim McGraw | |
| 50 | ? | The Way You Love Me [Radio Remix] | Faith Hill | Breathe |
| 85 | ? | Where Are You Christmas? | Faith Hill | "Dr. Seuss' How The Grinch Stole Christ... |
| 102 | ? | If My Heart Had Wings | Faith Hill | Breathe |
| 594 | ? | Mississippi Girl | Faith Hill | Fireflies |
| 632 | ? | Like We Never Loved At All | Faith Hill | Fireflies |
| 693 | ? | Someone Else's Dream | Faith Hill | It Matters To Me |
| 698 | ? | This Kiss [Album Version] | Faith Hill | Faith |
| 815 | ? | It's Your Love | Tim McGraw/Faith Hill | Everywhere |
| 834 | ? | The Secret Of Life | Faith Hill | Faith |
| 844 | ? | This Kiss [Pop Version] | Faith Hill | Faith |
| 866 | ? | Just To Hear You Say That You Love Me | Faith Hill/Tim McGraw | Faith |
| 980 | ? | Let's Go To Vegas | Faith Hill | It Matters To Me |
| 1062 | ? | Let Me Let Go | Faith Hill | The Private Collection |
| 1065 | ? | Take Me As I Am | Faith Hill | Take Me As I Am |
| 1117 | ? | Breathe | Faith Hill | Breathe |

Add to Category: **A - Power**

Add new songs to the existing song list

Design Select Cancel

The user can now select the songs that they wish to add to their station and assign them to a category. Should the song they wanted to add not be listed, the user would have confidence that they can add it as a new song without creating a duplicate entry.

Things change and evolve in how you manage your fields. Three new features can help you manage your fields. The Misc section with an option for Text Case. This allows you to force text into upper or lower case, no matter how it is typed in. The Scheduling section has an option for Enable Rules allowing you to turn the rules on or off for a field. Finally, should you wish to make a field Overrideable, Enterprise, Fields, now has a button to make that change.

| ID | Name | Abbreviation | PromptText | Type | Length | Rules | Hidden | Level | Override | Search |
|-----|---------------------|--------------|------------|------------------|--------|-------------------------------------|--------------------------|------------|-------------------------------------|--------------------------|
| -6 | GlobalKillDate | EntKill | | Date/Time | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| -5 | GlobalAddedDate | EntAdded | | Date/Time | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| -4 | GlobalEditedDate | EntEdited | | Date/Time | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| -3 | GlobalKillPlayCount | EntKillPly | | Integer | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| -2 | GlobalPlayCount | EntPlys | | Integer | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| -1 | RunTime | TRT | | Timespan | 5 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 0 | Song ID | ID | | Integer | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| 1 | OriginalSongID | ID | | Integer | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| 101 | Automation ID | Automati | | String | 25 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| 102 | Artist | Artist | | String | 255 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| 103 | Artist Keywords | Artist K | | Keyword-Multiple | 255 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| 104 | Title | Title | | String | 255 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| 105 | Title Keywords | Title Ke | | Keyword-Multiple | 255 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| 106 | Album | Album | | String | 255 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| 107 | Composer | Composer | | String | 255 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| 108 | Intro | Intro | | String | 10 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 109 | Ending | Ending | | String | 10 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 113 | Year | Year | | String | 4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| 114 | Record Company | Record C | | String | 255 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| 115 | Web Address | Web Addr | | String | 255 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| 116 | Audio Path | Audio Pa | | String | 255 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| 117 | Frames | Frames | | String | 15 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input type="checkbox"/> | <input type="checkbox"/> |
| 118 | Memo | Memo | | Memo | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Enterprise | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Fields

- Data Entry
 - DefaultValue
 - Security Level
 - Unique Values
- Editing
 - AutoComplete
 - AutoLink Group
- Identification
 - Primary Field
 - Secondary Field
- Misc
 - Text Case: None
- Scheduling
 - Rules Enabled
- Searching
 - Search

Properties Create New Field Make Field Overridable **OK** Cancel

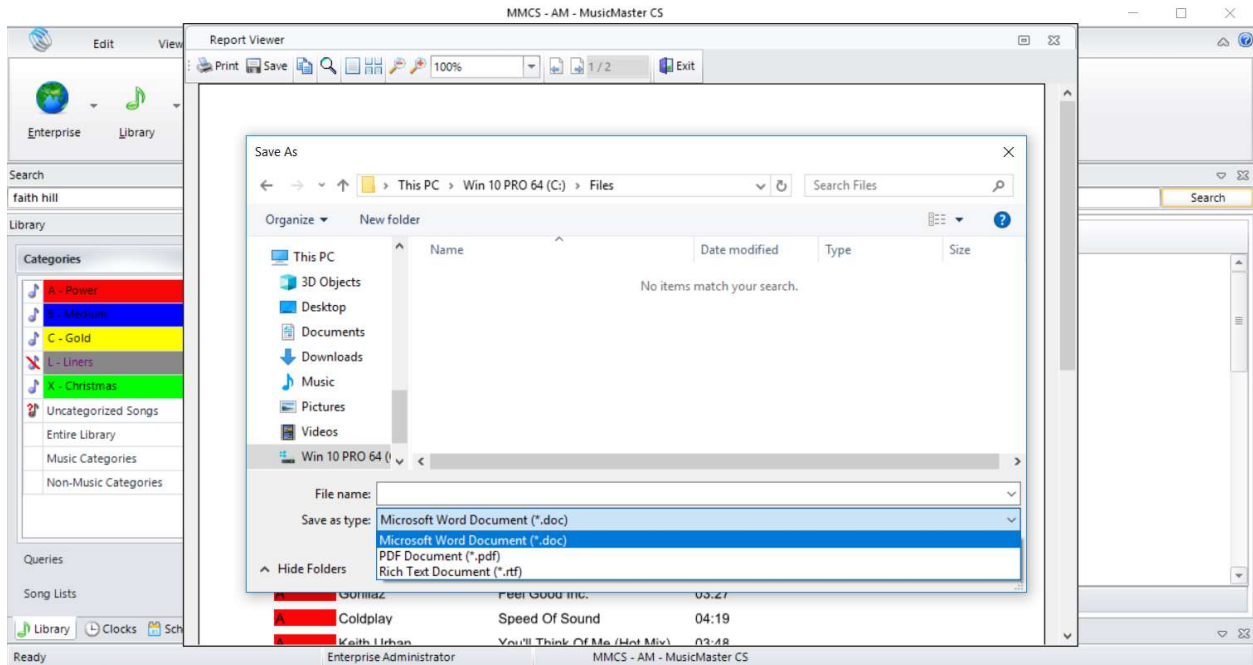
Even with the best practices, we know sometimes you end up with more than one copy of a song in your database. While you might be inclined to simply delete the duplicate, there are many things that could be lost if you do this. While you might think of play history, what about Forced positions in clocks, song lists, packets and play counters. There are many places you might have referenced the song. We know all those hidden nooks and crannies. To make sure you don't lose any vital information, we've added a Song Merge feature. In Library Maintenance, select the songs you wish to condense, then right click the pointer column and select Merge, All songs to bring up the song merging tool where you can select the values you wish to save for each field and we'll do all the rest.

Song Merge

| | Save | Delete |
|-----------------|---------------|-----------------------|
| Song ID | 2630 | 1 |
| Title | Breathe (Pop) | Breathe [Pop Version] |
| Artist | Faith Hill | Faith Hill |
| ▷ Run Time | 4:05 | 4:00 |
| Album | | |
| Artist Keywords | Hill, Faith | Hill, Faith |
| Audio Path | | |
| Automation ID | | 1001 |
| Burn | | |
| Composer | | H. Lamar, S. Bentley |
| Ending | | C |
| Frames | | |
| Intro | 12 | 14 |
| Like | | |
| Media File Name | | |
| Memo | | |
| Record Company | Warner | Warner Bros. |
| Title Keywords | | |
| Web Address | | |
| Year | | 1999 |

OK Cancel

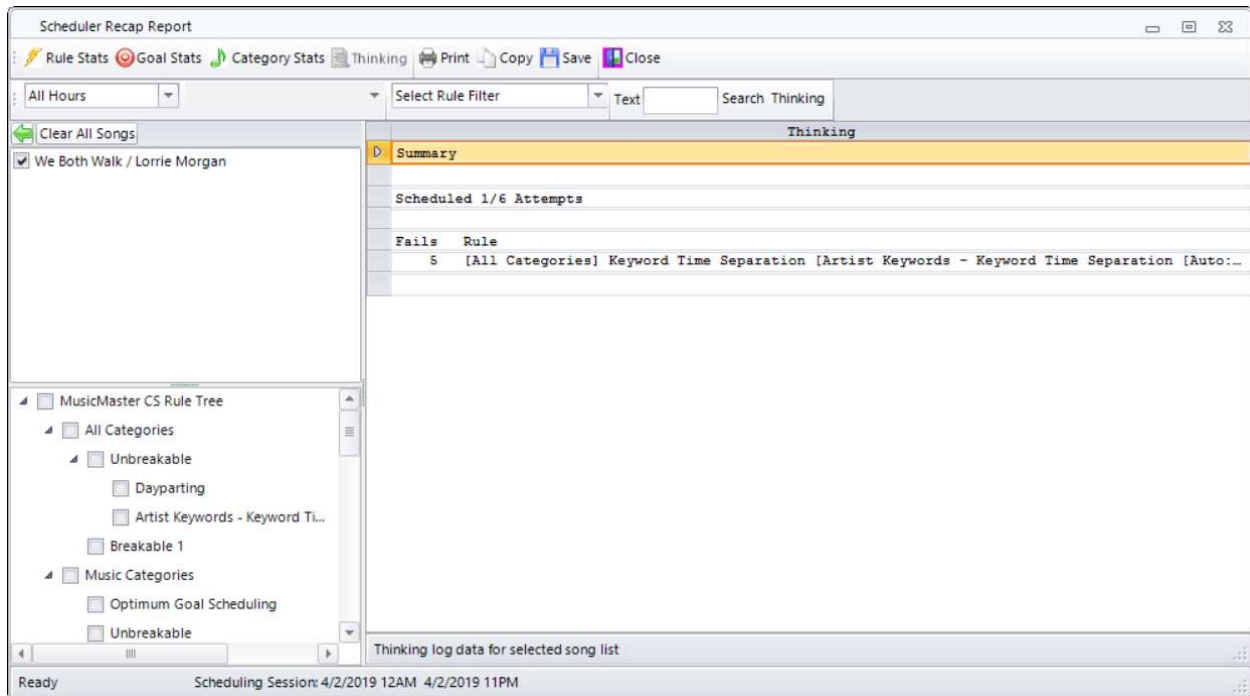
Does anyone still print to paper? You certainly can do that in CS along with the new options to print to Word, PDF or Rich text. When the print preview comes up, click on the Save option to use one of these new options.



There are many pop-up screens in Library Maintenance for things like Categories, Keywords, Attributes, Trivia and the Song List Editor to name a few. These can all now be resized so you can see as much or as little of it as you'd like. We'll remember the size so the next time you open it, it will look the same.

We have enhanced the performance of various operations with the software. In the Schedule Editor, F9 has been improved. Also improved are the performance of the library mass changer and in Enterprise, the Mass Station Assignment as well as mass deletion.

You've always been able to right-click on a song in either the Library or Schedule Editor to look at the Scheduling Recap for the song, a listing of how that song performed your rules. Now you can use the new Summary button to see what rules the songs failed and the number of times it failed individual rules. This option makes it significantly easier to look at the songs in a category and determine if any rule adjustments need to be made. The capture below shows the Summary selected. To revert back to the full listing, you will toggle the Search Thinking button.



We're always interested in how you are using the software and what you want users to be able to do as well as what you don't want them to do. To that end, we've refined some of the Permissions available to allow you to determine whether a user can add, edit, move or remove music or non-music elements. Additionally, there is a new Security Level when setting a Role allowing you to create hierarchies of rules that have the same rights. This can be useful when the System Administrator wants to give set rights to a block of people but prevent some of those users from adjusting other settings. For instance, several people might have the ability to adjust user names and passwords, but you do not want them adjusting other users with those same rights. This can also be used to prevent users from assigning roles to themselves or other users that are above their own security level. By using the Security Level, the user can only perform functions on those with the same Security Level or lower (higher number).

Add Role - ✖

Name:

Description:

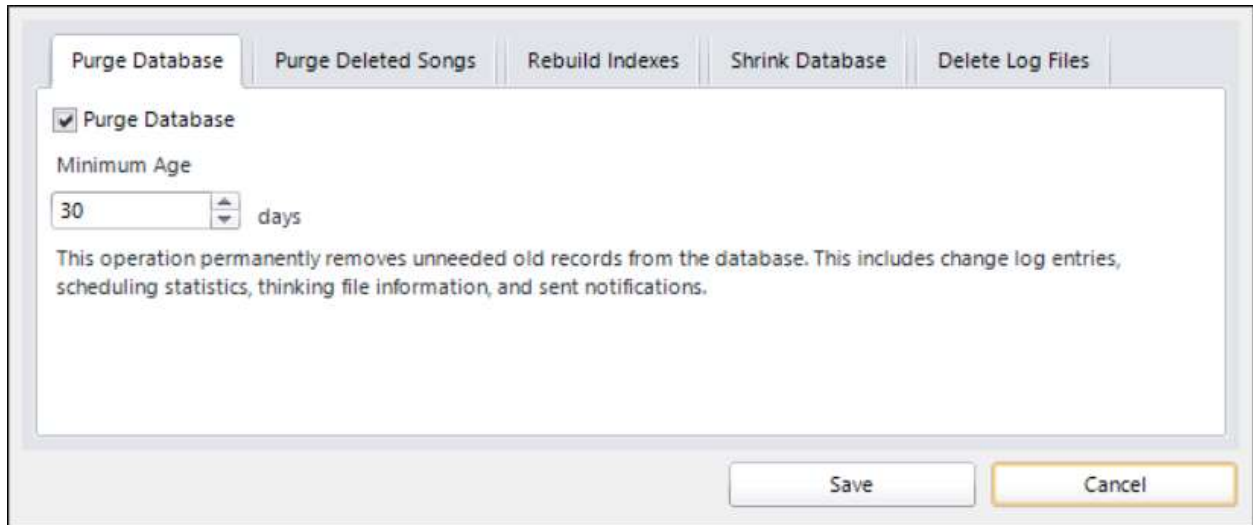
Type:

Security Level:

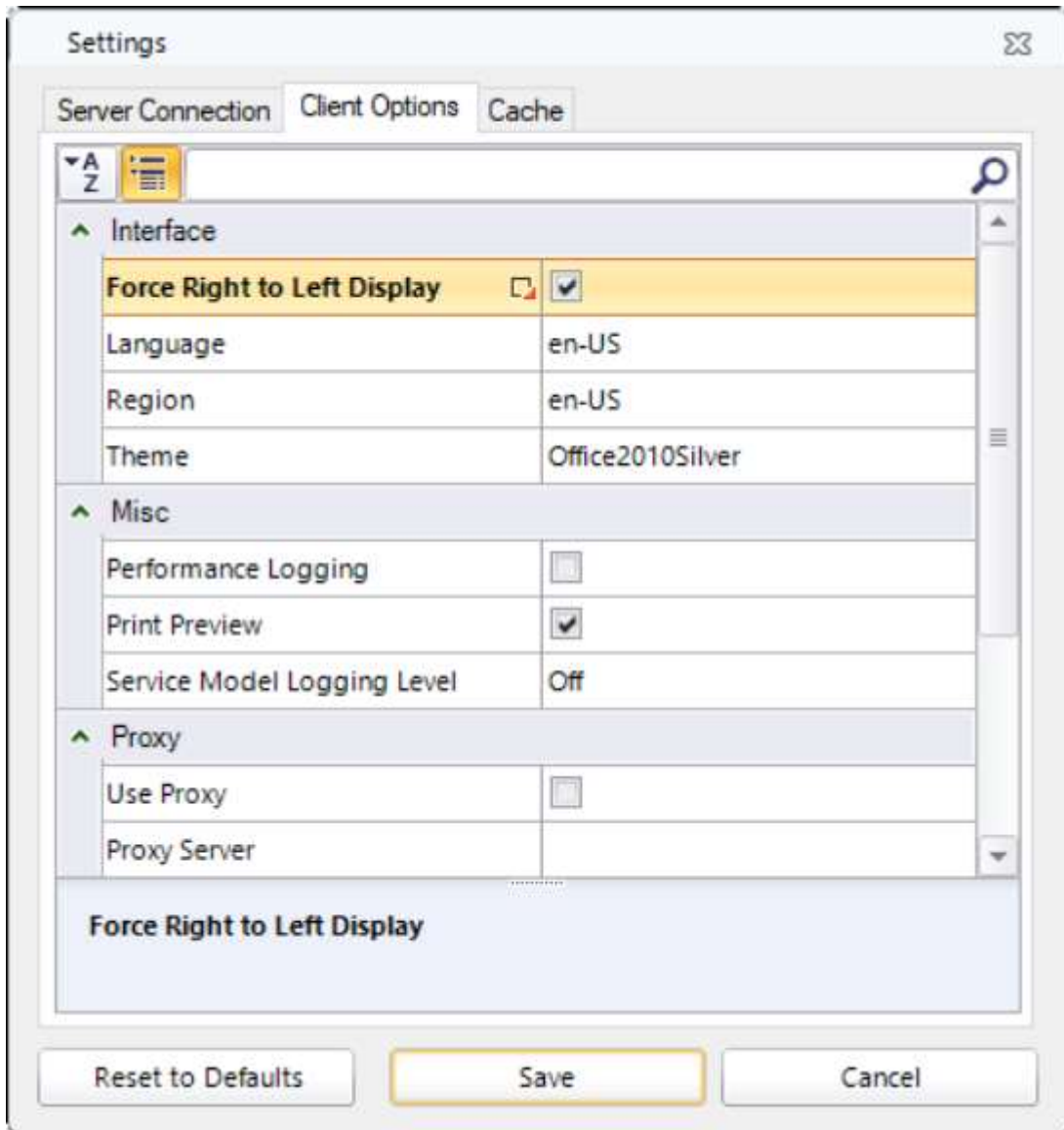
Role Permissions

- Library
 - Add Daypart
 - Add Songs to Station
 - Add Music Songs to Station
 - Add Non-Music Songs to Station
 - Add Trivia
 - Category Level Assignments
 - Chart Editor
 - Delete Daypart
 - Delete Trivia
 - Edit Categories
 - Edit Queries
 - Edit Songs
 - Edit Trivia
 - Export Songs
 - Field Editor
 - Move Songs
 - Move Music Songs to Uncategorized

System Administrators will appreciate a new Automated Task for System Maintenance. With options to Purge the Database and Delete Songs, Rebuild Indexes, Delete Log Files and Shrink the Database, you'll have the ability to keep your database optimized over time.



We know some languages require right to left entry. You can now force that in your copy of the Client using the File, Options setting.



| Tempo | Title | Artist Keyword | Run Time | Cat | ID |
|-------|--------------------------|--------------------|----------|-----|-------|
| 3 | פלורנטיין | אהוד בנאי | 4:55 | 90S | 25346 |
| 1 | אל תפחד | אהוד בנאי | 6:25 | 90S | 25348 |
| 1 | כל דבר קט | אלון אולארצ'יק | 6:02 | 90S | 25356 |
| 1 | מועקה | אבטיפוס | 4:50 | 90S | 25359 |
| 2 | לבד יושבת | אביהו מדינה | 4:55 | 90S | 25366 |
| 3 | טיפ טיפה | אהוד בנאי | 2:56 | 90S | 25368 |
| 1 | רעיה | אביהו מדינה | 4:20 | 90S | 25369 |
| 2 | הכוכב של מחוז גוש דן | אהוד בנאי | 2:58 | 90S | 25375 |
| 1 | תשאירי לי מקום לחבק אותך | אבטיפוס | 3:28 | 90S | 25380 |
| 1 | מהרי נא | אהוד בנאי | 5:05 | 90S | 25383 |
| 2 | כותל המזרח | אביבה אבידן ודקלון | 3:15 | 90S | 25385 |
| 0 | יוצא לאור | אהוד בנאי | 4:23 | 90S | 25390 |
| 3 | קשה לי | אבי פרץ | 4:53 | 90S | 25393 |
| 1 | שקט | בלאגן | 5:27 | 90S | 25405 |
| 2 | השיר שיביא לך אהבה | גלי עטרי | 4:10 | 90S | 25425 |
| 1 | מיכאל | אתי אנקרי | 4:19 | 90S | 25437 |
| 2 | זודיאק | ירון חדד | 3:12 | 90S | 25465 |
| 1 | אהוב יקר | רונית שחר | 3:20 | 90S | 25468 |
| 1 | לפני שנפרדים | חיים משה | 4:34 | 90S | 25479 |
| 2 | הכעס | רוקפור | 4:15 | 90S | 25487 |
| 2 | אני אוהב אותך | החברים של נטאשה | 4:03 | 90S | 25502 |
| 1 | אין עוד יום | גידי גוב | 5:18 | 90S | 25506 |

Finally, for our technical friends, we now have proxy server support available through the Tray App, Server Configuration, non-critical information has been limited from the Server log files and you'll find more complex multi-level XML export file options.