

Welcome to VirtualDj db Manager Application.

This is a small application written in VB.NET that allows users of VirtualDj to read info from their database XML files and copy this info to the tags of their files.

1) How to setup the application:

- Copy the file Audiogenie2.dll to your Windows\System32 directory (for 32 bit OS) or on the Windows\SysWOW64 directory (for 64 bit OS)
- If you are running Windows Vista disable UAC and open a command prompt window. Type "regsvr32 audiogenie2.dll" (without the quotes) and hit "Enter"
- Run the setup of the application

2) How to use the application:

- Click on "DB->Tags" button to open the dialog.
- Click on "Select Database..." button and browse for your XML database file
- Once you have selected a file, click on "Write tags now!" button
- Wait... Depending on the size of your XML file the process might take a really long time. The app may even be reported as "Not-Responding" by Windows (a known issue with VB.NET). When the process finishes the button will change to "Finished!"
- You can choose directly a new file and start over again, but I personally recommend that you exit the application at this stage and start over if you need to process another file.

3) How the application works:

The application reads your XML database line by line. Once it finds a song entry on your database, it checks if the file exists, and if it does exist it updates the tags.

The tags are updated one by one, and only if there is information about them on the VirtualDj's database.

In other words: If your database does not contain any info about the "Album" of a track, it will not write any data on the "Album" field of the tag. This can result in the following condition:

You import a track in VDJ. You edit its info, you correct the "Artist" field and you remove the "Album" info. The track still has the original values on its tag. You run "VirtualDj db to tags" to update the tags. Since the "Album" field in the VDJ database is empty, the application will not "touch" the original "Album" field of the tag. The result of this operation will be a file that has the CORRECT Artist on it's tag, but a "WRONG" album! This might seem a "bug" to some, but actually is a "feature" due to some limitations of the VDJ's database:

If a track has not been scanned/analyzed by VDJ (but it has only been seen) it will have an entry on the database, but the info fields will be blank. In such a case there is a great possibility that the app would entirely erase all tag fields without actually "updating" them. So, for "security" reasons the app will ONLY update fields that HAVE info on the VDJ database.

4) Precautions:

Since this is a beta, use it AT YOUR OWN RISK!

Always keep a backup from BOTH your XML file, AND your music library...

Since the application checks if the file(s) in your XML database exist prior doing any other tasks it would be wise to do updates on small amounts of tracks per session and check the results. A simple rename on the folder hosting some files (or subfolders with files) will leave them intact from the applications process.

While the application recognizes Virtual Folders, Favorite Folders e.t.c. and it avoids processing, I would recommend the following procedure:

- 1) Create a copy of your original XML databases –ALL OF THEM- (you should always do so)
- 2) Start VDJ
- 3) REMOVE any virtual folders, favorite folders, filter folders e.t.c. from your database
- 4) Check, Clean and Fix all your databases!
- 5) Close VDJ
- 6) Run the app

When you finish processing you can always restore the original copies of your databases in order to get back your virtual folders, favorites, e.t.c.

Also, in order to speed up testing process and MAXIMIZE your security, you can do the following:

- 1) Create a copy of your original XML databases –ALL OF THEM-
- 2) Rename/Move any folders you don't want the app to "touch"
- 3) Create a copy of the folder(s) that the app is going to work on them
- 4) Start VDJ
- 5) REMOVE any virtual folders, favorite folders, filter folders e.t.c. from your database
- 6) Check, Clean and Fix all your databases!
- 7) Check, Clean and Fix all your databases (Did I said that already?) This will remove all files VDJ can't see (because you renamed the folders/moved them) and will shrink the XML database's size, resulting a boost in the time the app needs to finish processing.
- 8) Close VDJ
- 9) Run the app
- 10) Once you have finished, check the results.
- 11) Restore your original folder names/locations
- 12) Restore your original XML files
- 13) You're done!

5) Known issues:

At the moment, the only known issue is that the BPM of VirtualDj database and the one actually written in the tags might differ slightly in the last one or two digits (floating point). That's because of the way VDJ calculates and stores BPM on its database. However the BPM difference should not be more than 0.01 BPM (rounding issues)

6) Disclaimer:

This application is in beta stage. USE IT AT YOUR OWN RISK, AND ALWAYS USE IT ON A COPY OF YOUR FILES. I HOLD NO RESPONSIBILITY FOR ANY DAMAGE IT MAY CAUSE ON YOUR FILES, OR ANY POSSIBLE DATA LOSS!

THANK YOU!

7) Change log:

1.0.0.0

- Original version (Beta 1)

1.0.0.1

- Changed name to "VirtualDj DB Manager"
- Added option to create a log file
- Fixed possible bug when working with Unicode ID3 tags