

Convert and Replace

v2.7

For iTunes 11+/macOS 10.12+
Find more free AppleScripts
and info on writing your own
at Doug's AppleScripts for iTunes.

This script will convert the selected tracks—or the tracks in the selected playlist—using an iTunes encoder chosen on-the-fly (the encoder's current Preferences-set options will be in effect) and replace the originals throughout the playlists of your entire library with the newly converted versions. Additionally, you can opt to Trash/delete or keep the original files and tracks.

For macOS 10.12 and later only.

*This app is **free** to try full-featured for 10 days **with the exception** that it will dismiss itself after each use. If you like it you can purchase a code for \$1.99 which will unlock the 10 day trial restriction and permit the applet to stay open and perform conversions until manually quit. Launch the app and click "Register..." in the its File menu to make an in-app purchase through PayPal.*

Installation:

This script is an **AppleScript applet** and can be run by double-clicking its icon in the Finder. However, it is probably best accessed from the iTunes Script menu.

Put AppleScripts in your iTunes "Scripts" folder. This is located at *[user name] /*

Library / iTunes / Scripts / .

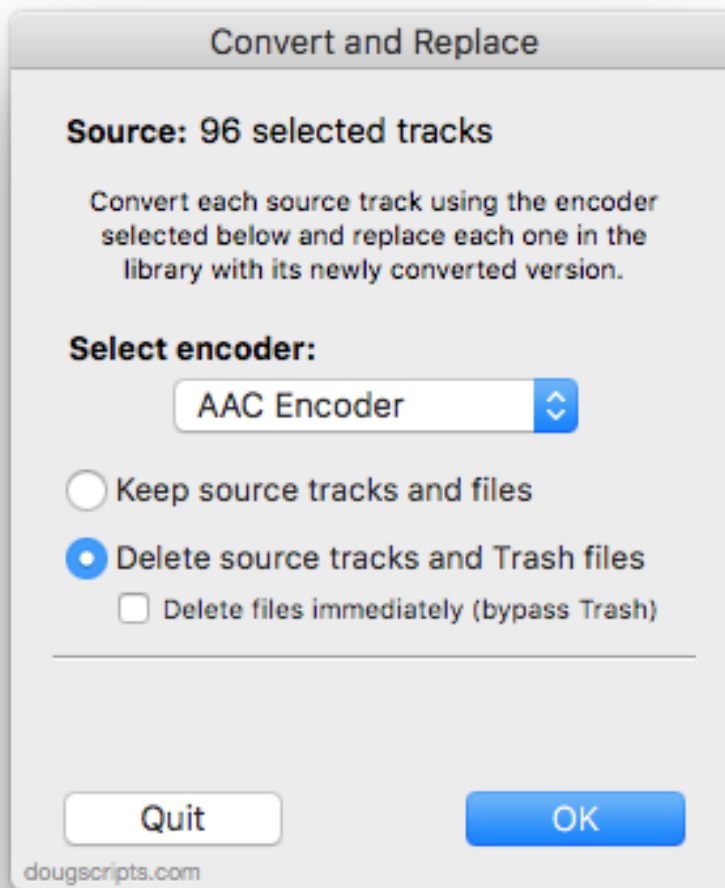
*The user Library directory is hidden by default. To make it visible, hold down the Option key on your keyboard and select **Go > Library** from the Finder.*

If the *[user name] / Library /* folder does not contain the "iTunes" or "Scripts" folders then then create them and put the script(s) in the "Scripts" folder. AppleScripts will then appear in iTunes' Script menu, and can be activated by selecting by name and clicking. Be sure to also save this Read Me document in a safe and convenient place.

See the online Download FAQ for more info and video on downloading and installing AppleScripts.

How to use:

Select some tracks to be converted. Then launch the script from the iTunes Script menu. This window will display:



(Previous versions of this script allowed a playlist of tracks to be selected. This feature has been removed. Tracks must be selected *deliberately*.)

Select the encoder to use for the file conversion from the popup. The iTunes encoder currently chosen in *iTunes Preferences > General > Import Settings* is selected by default.

- **The selected encoder's current settings will be used for the conversion.** If necessary, make any changes to these settings *before* launching the script by going to the *iTunes Preferences > General* tab and clicking on the "Import Settings" button.

Choose what to do with the source tracks and files after they have been converted with the selected encoder and replaced throughout the iTunes library:

Keep source tracks and files - the original selected tracks will remain in the iTunes "Music" library and their files will remain in their current location. However, they will have been replaced in any playlists by the newly converted versions.*

Delete source tracks and Trash files - the original selected tracks will be deleted from iTunes and their files moved to the Trash where they can be recovered if necessary.

Delete files immediately (bypass Trash) - putting a checkmark in this checkbox will opt to delete the files of the original selected tracks **immediately and unrecoverably** by using the UNIX **rm** command.

When the settings are to your liking click the "OK" button and the convert-and-replace process will begin. A progress bar will report processing for each track.

Each original selected track will be converted and then the newly converted version will take the place of the original in any playlists*. Finally, if so selected, the original tracks and their files will be deleted.

Notes:

- All meta-tag data from the original tracks (except **Date Added**—see below) will be preserved in the converted version except where it is inapplicable.
- New converted files will have a **Date Added** of "now" since, technically, they never existed before "now". There is no way to change this; it is managed by iTunes and is a read-only value.

- ***Source tracks that appear in Smart Playlists will be replaced with their corresponding new versions providing the replacements still meet the Smart Playlist's criteria. Otherwise, they will disappear from them. Of course, if the original tracks are kept they will remain in any Smart Playlists anyway. Adding a criteria for "Kind" may assist with including/excluding duplicates.**
- Sorry, but nothing can be done about the iTunes "Done" chime—boodley-oop!—that sounds after each track is converted...other than muting your machine's sound volume.

Helpful Links:

Information and download link for this script is located at:

<https://dougscripsts.com/itunes/scripts/ss.php?sp=convertandreplace>

If you have any trouble with this script, please email me.

My name is Doug Adams

support@dougscripsts.com

Click on the underlined URL text:

- Doug's AppleScripts for iTunes
- Assign Shortcut Keys to AppleScripts
- Doug's RSS Feed - **Recent site news, script additions and updates** (add link to your news reader)
- 30 Most Recent RSS Feed - **Most recent new and updated scripts** (add link to your news reader)

Version History:

v2.7 sept 17, 2018

- Initial accommodations for macOS 10.14 Mojave
- Minor performance and security enhancements

v2.6 sept 5, 2017

- Initial accommodations for macOS 10.13 High Sierra
- Minor performance and security enhancements

v2.5 may 22, 2017

- Fixes compatibility issue with macOS 10.12.5

v2.4 may 18, 2017

- No longer quits after conversion and stays open until Quit
- Monitors iTunes for change of track selection
- Removes option to select a *playlist* of tracks

v2.3 november 25, 2016

- Minor maintenance and performance enhancements
- This version for macOS 10.10 and later only

v2.2 June 22, 2016

- Preliminary support for macOS 10.12
- Security update

v2.1 July 16, 2015

- Preliminary support for OS X 10.11 (El Capitan)
- Accommodates changes in iTunes 12.2

v2.0 oct 31 2014

- Adds support for OS X 10.10 Yosemite/iTunes 12
- Adds "Check for Update" command
- Adds online help access
- Minor maintenance and UI tweaks
- Adds ten day trial

v1.1 jul 19 2012

- compatible with OS X 10.8 (Mountain Lion)

v1.0 jun 20 2012

- initial release

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