Find Empty iTunes Media Folders

v1.2

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

This applet will traverse the iTunes Media folder looking for and then displaying any sub-folders that are either empty or do not contain iTunes-playable media (such as text or image files).

For macOS 10.12 and later only.

This app is free to use in Demo Mode. While in Demo Mode several features are disabled (as indicated below). If you like, you can purchase a code for $1.99 which will unlock the demo restrictions and enable these features. 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 /* .
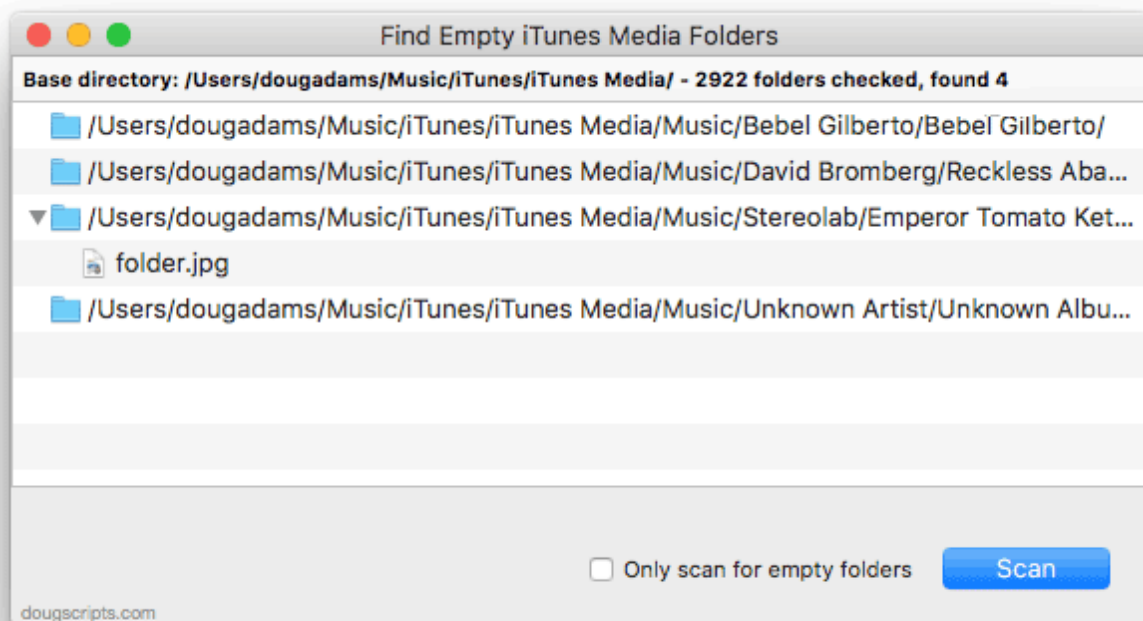
*The user Library directory is hidden by default. To make it visible, hold down the Option key on your keyboard and select **Go > Library** from the Finder.*

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:

Launch the applet. Click the "Scan" button to begin a scan of your iTunes Media folder. In a few moments (or minutes, depending on the ultimate number of files in the iTunes Media folder) any folders contained in the iTunes Media folder that *do not contain any iTunes-compatible files* will be listed.

Thus, you may see **completely empty folders** listed as well as **folders that *only* contain non-iTunes-compatible files**, such as image and text files. The latter will display a disclosure triangle that, when clicked to expand, will display those files. Completely empty folders will not have a disclosure triangle.

Package-type files will not be scanned as folders.

To cancel the scan click on the "Stop" button. Any folders found up to that point will be displayed.

The following features are only available in the registered version:

• **To only look for** *completely* **empty folders** checkmark the "Only scan for empty folders" checkbox before initiating the scan.

• **To display the single selected item's Information Window in the Finder** select *File > Show Finder Information Window* or press **Command-I**.

• **To reveal the single selected item in the Finder** select *File > Reveal in Finder* or press **Command-R**.

• **To move the selected item(s) to the Trash** select *File > Send to Trash* or press **Command-T**. This cannot be undone, but if the Trash is not emptied then the files will be recoverable.

• **To select all empty folders in the list** select *Edit > Select All Empty* or press **Command-E**.

• **To select all non-empty folders in the list** press and hold the Option key and select *Edit > Select All Non-Empty* or press **Command-Option-E**.

• **To remove selected items from the list** select *Edit > Remove Selected*. This simply removes items from the list; use *Send to Trash* to both remove **and** Trash the selected items.

• **To scan a folder other than the iTunes Media folder*** press and hold the Option key and click the "Scan" button. An Open Panel will enable you to navigate to a folder of your choice.

Notes:

• As you may know, if you allow iTunes to manage the iTunes Media folder, it will delete folders should they become empty in the course of managing tracks in iTunes. However, folders will not be deleted if they contain files that iTunes doesn't recognize (such as an image or text file). On the other hand, if you manage the iTunes Media folder yourself–or use other folders entirely to store media files–iTunes may not pay much attention to which sub-folders are empty or not.

• ***Selecting to scan a folder other than the default iTunes Media folder** (registered versions only) may produce unexpected results due to the fact that many

non-media files and packages cannot be precisely accounted for–there would be many, many extensions and properties to consider. Thus, for example, you may see results which include "package-like" folders that contain items which are usually hidden from view.

• The location of the current iTunes Media folder is obtained from the "Music Folder" property of the "iTunes Library.xml" file; the location of the "iTunes Library.xml" file is obtained from the *~/Library/Preferences/com.apple.iApps.plist* file.

Helpful Links:

Information and download link for this script is located at:
https://dougscripts.com/itunes/scripts/ss.php?sp=findemptyfolders

If you have any trouble with this script, please email me.
My name is Doug Adams
support@dougscripts.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:

v1.2 sept 17 2018
- Initial accommodations for macOS 10.14 Mojave
- Minor performance and security enhancements

v1.1 sept 6 2017
- Initial accommodations for macOS 10.13 High Sierra
- Minor performance and security enhancements

v1.0 july 1 2017
-initial release

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