

Make HTML Table from Playlist

v1.0

For iTunes 11+/OS X 10.10+
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Creates a HTML table structure using tracks and their tag data from the selected iTunes playlist. Export the table to the clipboard or export as a complete HTML file.

This script can be customized by additional user-editing.

For macOS 10.10 and later only.

This script is Donationware. If you use it and like it please consider making a donation to support my AppleScripting efforts. [Click here for more info.](#)

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 in your *[user name] / Library / iTunes /* folder.

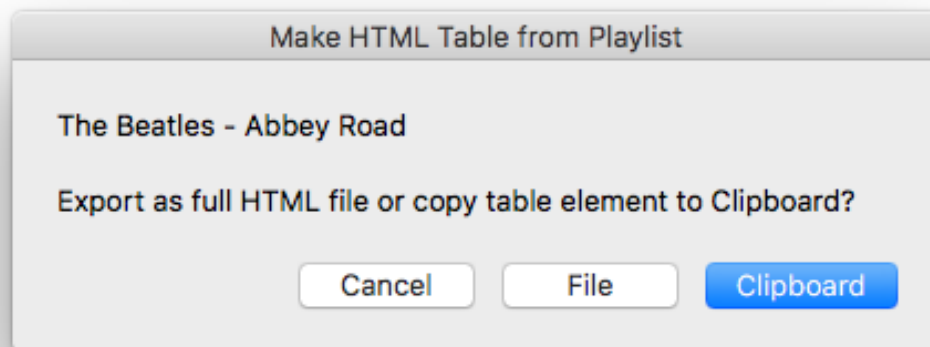
*The user Library directory is hidden by default. To make it visible, hold down the Option key on your keyboard and select **Go > Library** from the Finder.*

If there is no folder named "Scripts" in the `[user name] / Library / iTunes /` folder then create one and put the script(s) in it. 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 a playlist in iTunes and launch the script. It will ask if you want just the table structure copied to the clipboard or if you want to export an HTML file, which will contain full HTML structure and CSS styling.



After a moment, the HTML will be created. If you chose clipboard, the table structure (`<table> ... </table>`) will be ready to paste anywhere. Here, I pasted it in a text file, saved it as a ".html" and loaded it in my browser:

The Beatles - Abbey Road

17 songs • 47 minutes

#	Name	Track #	Album	Artist	Rating	Size	Time
1.	Come Together	1 of 17	Abbey Road	The Beatles	★★★★★	10.4 MB	4:18
2.	Something	2 of 17	Abbey Road	The Beatles	★★★★★	7.1 MB	3:01
3.	Maxwell's Silver Hammer	3 of 17	Abbey Road	The Beatles	★★★★★	8.7 MB	3:27
4.	Oh! Darling	4 of 17	Abbey Road	The Beatles	★★★★★	8.5 MB	3:27
5.	Octopus's Garden	5 of 17	Abbey Road	The Beatles	★★★★★	7.5 MB	2:52
6.	I Want You (She's So Heavy)	6 of 17	Abbey Road	The Beatles	★★★★★	18 MB	7:47
7.	Here Comes The Sun	7 of 17	Abbey Road	The Beatles	★★★★★	8 MB	3:07
8.	Because	8 of 17	Abbey Road	The Beatles	★★★★★	6.9 MB	2:45
9.	You Never Give Me Your Money	9 of 17	Abbey Road	The Beatles	★★★★★	10.1 MB	4:02
10.	Sun King	10 of 17	Abbey Road	The Beatles	★★★★★	6.5 MB	2:26
11.	Mean Mr. Mustard	11 of 17	Abbey Road	The Beatles	★★★★★	3.7 MB	1:06
12.	Polythene Pam	12 of 17	Abbey Road	The Beatles	★★★★★	3.8 MB	1:12
13.	She Came In Through The Bathroom Window	13 of 17	Abbey Road	The Beatles	★★★★★	3.1 MB	1:57
14.	Golden Slumbers	14 of 17	Abbey Road	The Beatles	★★★★★	4.5 MB	1:31
15.	Carry That Weight	15 of 17	Abbey Road	The Beatles	★★★★★	4.7 MB	1:36
16.	The End	16 of 17	Abbey Road	The Beatles	★★★★★	6 MB	2:21
17.	Her Majesty	17 of 17	Abbey Road	The Beatles	★★★★★	2 MB	0:23
119.3 MB							47:18

If you selected to export a file, you will be asked for a name and save location for the file and then if you'd like to open the file in your default browser. Here it is with the default hard-coded CSS hung on it:

The Beatles - Abbey Road

17 songs • 47 minutes

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119.3 MB							47:18

Examine the final .html output for clues on how you might want to edit the script or apply your own CSS styles.

Editing the Script

(Yes, you'll most likely want to.)

The script does not provide any interface mechanisms for changing how the HTML is constructed so anything you want to be different will have to be manually edited and the script re-saved. *You can do it!*

Script Editor is located in */Applications/Utilities/*. Open the script by using Script Editor's *File > Open...* command.

You'll probably want to change the table columns. By default (and as can be seen in the screenshots above) the script creates table columns for **list order (#)**, **Name**, **Track #**, **Album**, **Artist**, **Rating** **Size** and **Time**. However, the script can also access these other tags:

Album Artist
BPM
Cloud Status
Compilation
Composer
Date Added
Disc #
Genre
Grouping
Kind
Location
Plays
Rating
Year

If you want to use these tags, they will have to be configured in the `columnNames` property in the script:

property `columnNames` : {"#", "Name", "Track #", "Album", "Artist", "Rating", "Size", "Time"}

This property determines the column names to use and their order in the table.

If you want to use tags that are **not** in this list, then you will have to create the corresponding AppleScript fetch routine for a particular track property. The current AppleScript routines already handle/convert a variety of tags (for text, number, date and boolean values) and the current routines can be used as examples for future routines.

I have hard-coded some nothing-fancy CSS styles in the file `<head>` section that are used for file export (they are not applied when just exporting the table structure to the clipboard, as you can see from the screenshots above). You can change this yourself in the script, or apply your own CSS to the final file, or paste the table into a pre-defined template of sorts, and so on.

The script has comments depicting what's going on. Work on a copy of the original script just in case.

i regret that, due to time constraints, I cannot provide customized tutorials on how to edit AppleScript. However, I don't think you'll find it too difficult to make changes.

Helpful Links:

Information and download link for this script is located at:

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

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

My name is Doug Adams

support@dougscripsts.com

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Version History:

v1.0 aug 29 2017

- initial release

This doc last updated August 29, 2017

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