

Import on CD Insert v1.0

AppleScript for iTunes

Find more **free** AppleScripts and info on writing your own at Doug's AppleScripts for iTunes.

Assign this script to the "CD & DVDs" System Preferences (see instructions below). Whenever you insert a CD it will check your iTunes library for tracks previously imported from the CD and give you the opportunity to import the CD tracks *not* previously imported using an encoder of your choice. Additionally, newly imported CD tracks will be put in a new Playlist named for the Artist and Album of the CD.

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:

If you installed the files from the downloaded disk image by dragging them to the "Installer", then the AppleScript and this Read Me document have already been installed in your *[user name] > Library > iTunes > Scripts* folder. The script will appear in iTunes' Script menu, where you can activate it by clicking on its name.

To manually install, if necessary: Put AppleScripts in your iTunes Scripts folder. This is located in *[user name] > Library > iTunes*. If there is no folder named "Scripts" there, 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.

This script is intended to be assigned to the "When you insert a music CD" option of the "CD & DVDs" System Preferences.

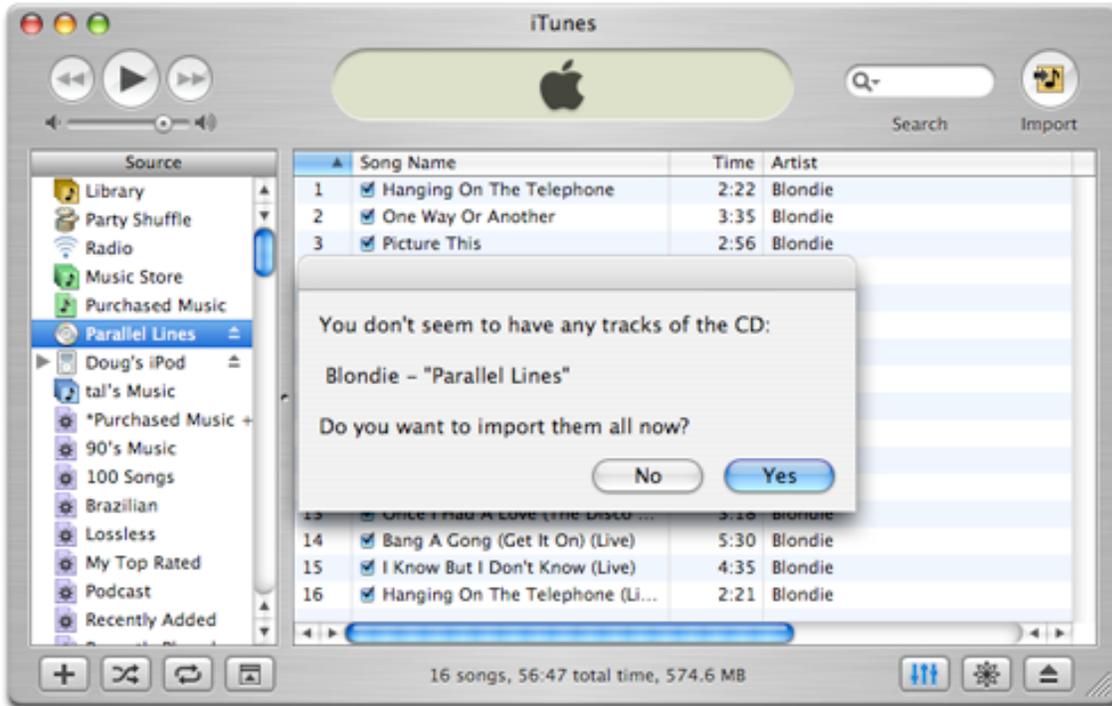
Open your System Preferences and click on "CDs & DVDs" in the Hardware row. This panel presents you with the opportunity to tell your computer what to do when a particular kind of disc is inserted. Right now, we're interested in music CDs. Click open the "When you insert a music CD:" drop down menu and select "Run Script". Navigate to the script you just installed in iTunes' "Scripts" folder and click the "Open" button. You're all set. Close System Preferences.

How to use:

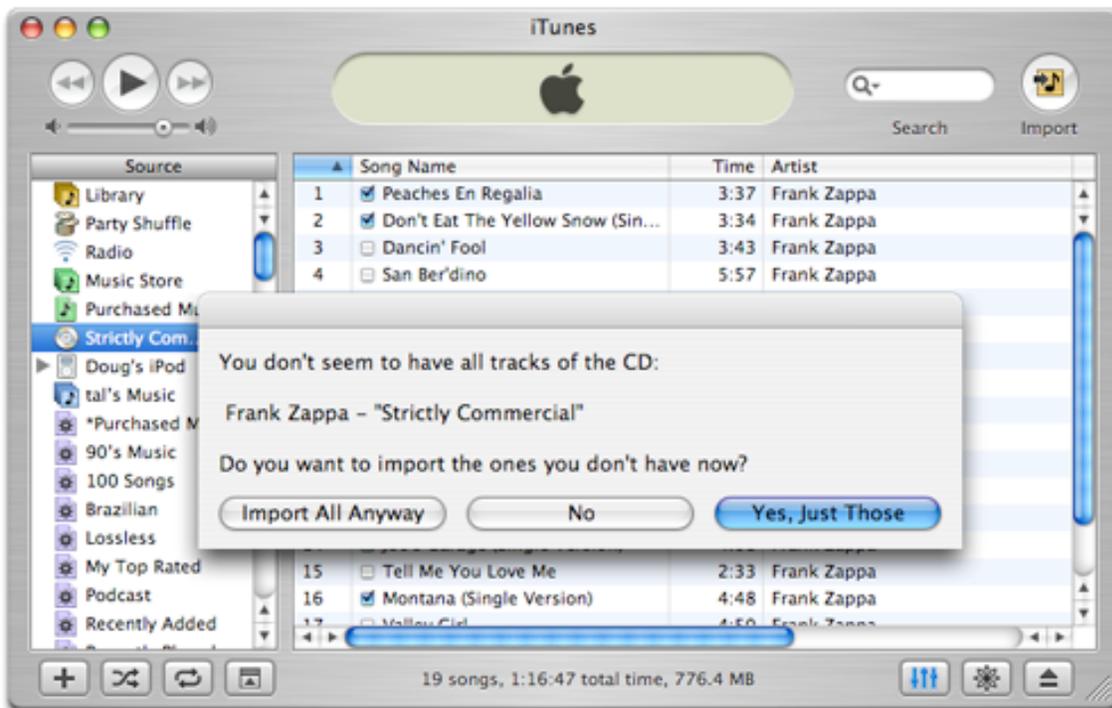
Whenever you insert an audio CD, the script will activate.

It will search your iTunes library for tracks that contain the same **Song Name** and **time length** of any of the CD tracks and un-check the ones you may already have.

Here's what the script displays when I insert a CD I haven't ripped any tracks from:

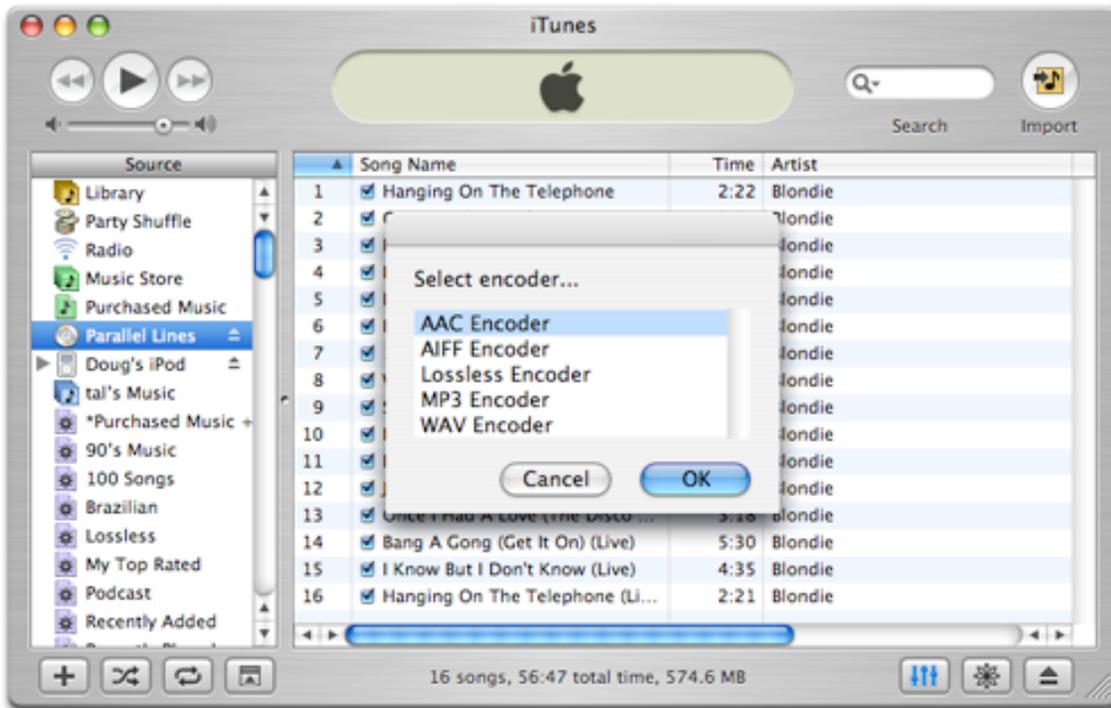


Here's a CD that apparently I have some tracks from already (it's a "Greatest Hits"-type CD):



Tracks you already have in iTunes will be un-checked.

If you have none of the CD tracks, or even only some of them, you will be asked if you want to import them. You also have the option of importing all the tracks (by clicking the "Import All Anyway" button). Then choose an encoder to use:



The encoder which is selected in the "Import" panel of your iTunes Preferences will be highlighted. However, if you want to change encoders, the Preferences-set encoder will be restored when the script finishes importing the CD tracks.

After the CD tracks have been imported, they will be copied to a new Playlist in iTunes using the Artist and Album name from the CD, eg: Blondie - Parallel Lines. Of course, you can edit this or even delete the Playlist later.

Lotta Notes:

- The "logic" of the script is based on the idea that the user *wants* to import CD tracks every time a CD is inserted with the option of only importing what hasn't been imported yet (to prevent duplicate tracks) and to optionally use a different encoder (for whatever reason). Therefore, I didn't think it a hindrance to obligate the user to make some decisions via the dialog and choose boxes. If you *automatically* want to import CD tracks every time, then set "On CD Insert" in the "General" iTunes Preferences to "Import Songs" or "Import Song and Eject".
- You can run this script manually if you'd rather not assign it to the "CD & DVDs" Preferences. Just insert a CD, wait until it appears in iTunes, and run the script by clicking on its name in iTunes' Script menu.
- Depending on the size of your iTunes library, the initial search of tracks can take several seconds.

- I used Song Name and time length as track comparison factors because 1) it's a good "fingerprint", and 2) it takes into consideration the possibility that tracks from a *different* CD may already exist in your iTunes library (such as a "Greatest Hits"-type CD as in the example above).
- Any CD track that is checked will be imported. You have some time to change these settings if the script has not made suitable decisions for you.
- Remember that the default button in any dialog or choose box--the button highlighted--can be selected by pressing "return" on the keyboard.
- The iTunes "done chime" will sound after each track is imported. I'm sorry, I cannot prevent this. But *you* can with the script I Hate That iTunes Done Chime! This will enable you to set the "done-chime" to a preferable AIFF file or no sound at all.
- I purposely did not include an automatic CD eject routine because I cannot be certain that all users would want this feature; as for providing it as an option, I did not want to add another dialog to click.

Helpful Links:

Click on the underlined URL text:

- Doug's AppleScripts for iTunes
- Assign Shortcut Keys to AppleScripts
- Download FAQ - **Info on downloading and installing 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)

Information and download link for this script is located at:

<http://www.dougscripts.com/itunes/scripts/ss.php?sp=importoncdinsert>

Version History:

v1.0 apr 5 2005
- initial release

this doc last updated December 12 06

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

My name is Doug Adams
dougscripts@mac.com

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