

Remote Management Scripts v1.3

AppleScript for iTunes

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This collection of scripts will assist you in managing iTunes tracks on a remote machine over a network via iTunes on the local machine.

Requires some configuration before using, which this Read Me explains.

These scripts are Donationware. If you use them and like them *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 scripts will appear in iTunes' Script menu, where you can activate each by clicking on its name.

To manually install, if necessary: Put the "Remote Scripts *f*" folder 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 "Remote Scripts *f*" folder 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.

Do not rename the "Remote Scripts *f*" folder. Do not remove the "loginLib.scpt" from it.

IMPORTANT - Configure before using:

Some setting-up is required on both the **local machine**, where the scripts are run from, and the **remote machine**, where the shared tracks are located.

Local machine:

Each script in this collection relies on a script file called **loginLib.scpt** which you **must** "hard-code" with information required to access the remote and local volumes.

The **loginLib.scpt** script is inside the **Remote Scripts *f*** folder. Open **loginLib.scpt** in Script Editor by double-clicking it. At the beginning of the script, you will see:

```
-- *****
-- change this to your LOCAL info      *
-- *****
property loc_username : ""
property loc_userpass : ""
property local_ip : "" -- set to LOCAL machine's Bonjour/Rendezvous name ("somename.local") or its IP address ("192.168.2.100")
property local_itunes_volume_name : "" -- the name of the drive/volume on the LOCAL machine on which its iTunes audio files are located; some Remote Management
scripts will need to mount this drive on the REMOTE machine

-- *****
-- change this to the REMOTE info:     *
-- *****
property rem_username : ""
property rem_userpass : ""
property remote_ip : "" -- set to REMOTE machine's Bonjour/Rendezvous name ("somename.local") or its IP address ("192.168.2.100")
property remote_itunes_volume_name : "" -- the name of the drive/volume on the remote machine on which its iTunes audio files are located; some Remote Management
scripts will need to mount this drive on the LOCAL machine
```

(The text formatting may be different in your Script Editor.)

You must supply the **username**, **password** (alternatively, leave blank; see below*), and **IP address** or **Bonjour/Rendezvous name** for each machine. Also, you must supply the name of the drive/volume where the iTunes Music Library resides on each machine; this volume will need to be mounted by either machine for some routines.

For example, your information may look like this:

```
-- *****
-- change this to your LOCAL info      *
-- *****
property loc_username : "Mary Smith"
property loc_userpass : "ms1234"
property local_ip : "mary-smith.local" -- set to LOCAL machine's Bonjour/Rendezvous name ("somename.local") or its IP address ("192.168.2.100")
property local_itunes_volume_name : "Mary's Macintosh HD" -- the name of the drive/volume on the LOCAL machine on which its iTunes audio files are located; some Remote
```

Management scripts will need to mount this drive on the REMOTE machine

```
-- *****
-- change this to the REMOTE info: *
-- *****
property username : "John Smith"
property userpass : "js5678"
property remote_ip : "john-smith.local" -- set to REMOTE machine's Bonjour/Rendezvous name ("somename.local") or its IP address ("192.168.2.100")
property remote_itunes_volume_name : "John's Macintosh HD" -- the name of the drive/volume on the remote machine on which its iTunes audio files are located; some
Remote Management scripts will need to mount this drive on the LOCAL machine
```

The Bonjour/Rendezvous name can be found by looking for the "Computer Name" at the top of the Sharing Pane of System Preferences on that machine. Search your Mac Help for "What's my computer's name and address?".

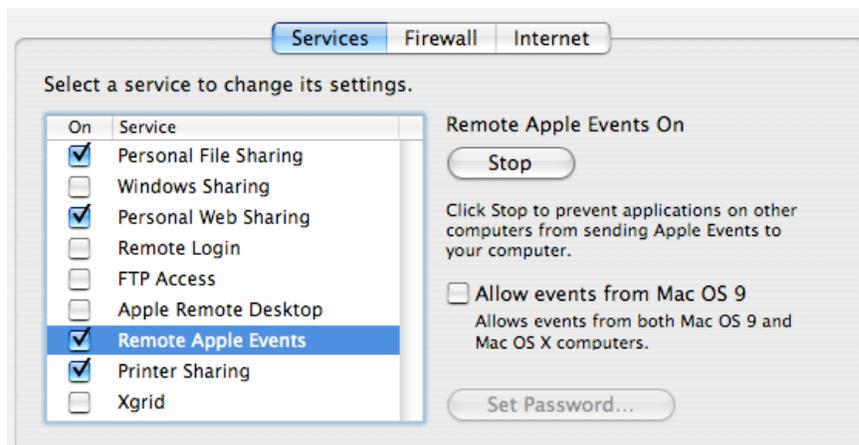
I recommend using the Bonjour/Rendezvous name rather than the IP address since the IP address can change under some network configurations.

*If you leave **loc_username/rem_username** and/or **loc_userpass/rem_userpass** blank, you will be presented with the familiar login window when the script that calls the **loginLib** script is run. This might be desirable if you have *security considerations*.

When you have entered the information, press **command-S** in Script Editor to save **loginLib.scpt**, and then exit Script Editor. You're good to go on the local end.

Remote machine:

"Remote Apple Events" must be enabled on the **remote** machine. This allows AppleScript to perform operations on the remote machine. Open System Preferences on the remote machine and click Sharing. Click Services and select the Remote Apple Events checkbox:



(Search your Mac Help for "Allowing remote Apple Events".)

The remote iTunes, of course, must allow some playlists to be shared. In iTunes Preferences of the remote machine click the Sharing tab. Click the **Share my music** checkbox. Click the checkboxes of the playlists you want to share.

You should also activate "Remote Apple Events" on the **local** machine if you plan on using the "[Remote - Add Selected Local Tracks" script, since it needs to access the **local** machine from the **remote** machine (which makes me dizzy to think about).

What each script does:

Each of these scripts is run from the **local** iTunes.

[Remote - Edit Track Info

Select a *single* shared track and run the script. You can choose to edit the selected shared track's name, artist, album, composer, EQ, genre, play count, rating, volume, and year.

[Remote - Remove From Playlist

Removes the selected shared tracks from the currently selected shared playlist on the remote machine. Will not remove tracks from the remote main library ("Music") and does not delete files.

[Remote - Delete Playlist

Delete the selected shared playlist. Tracks remain in the remote main ("Music") library.

[Remote - Selected Tracks to Playlist...

Copy the selected shared tracks to a new or existing playlist on the remote machine.

[Remote - Add Selected Remote Tracks

Add the files of the selected shared tracks on the remote machine to the iTunes on the local computer (the one the script was run from). In order to

copy files from a remote volume, that volume will be mounted on the local machine.

After the files have been copied, you can unmount the remote volume.

[Remote - Add Selected Local Tracks

Add the files of the selected **local** tracks to the iTunes on the remote machine. In order for files to be copied, the local volume on which they are located will be mounted on the *remote* machine. I have found that this sometimes does not work properly unless both computers have been restarted. It's pretty tricky since the local machine is telling the remote machine to mount a volume on the local machine.

After the files have been copied, you can unmount the local volume from the remote machine.

Notes:

- The scripts are named so that they will be listed together in the iTunes Script Menu. It is all right to change the names. Do not change the name of the **loginLib.scpt** or **Remote Scripts f** folder.

- The **loginLib.scpt** will appear in your iTunes Scripts menu, but doesn't do anything if you run it. It is loaded as a library by the other scripts.

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=remmanagescripts>

Version History:

v1.3 feb 28 2007

- renamed some handlers
- name of remote and local volumes now set in loginLib.scpt
- provide option to unmount remote volume when finished
- streamlined some routines

v1.2 nov 10 2004

- affected scripts work around iTunes 4.7 selection bug

v1.1 dec 29 2003

- added "Add Selected Local Tracks" Script
- requires additional info be user-added in the logiLib.scpt.

v1.0 nov 30 2003

- initial release

this doc last updated February 28 07

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

My name is Doug Adams

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