

The following can be used to set up automatic updates for Quicken on a Mac.

Note: This is an updated version. It uses JXA (Javascript) instead of AppleScript. If Quicken is open and is the foremost application (ie, you are using it when the script runs), it will not hide Quicken after starting the update so you will not be interrupted.

If you replacing the old version, delete the old update app and replace it with this one. You will NOT need to update the .plist file as long as you use the same app name when you save this new version.

Notes:

Quicken needs to be running when the update is triggered to avoid the password screen. It can be hidden or docked, it does not need to be visible on the screen.

There is a small issue with a pop-up window that does not close after the update (Quicken please fix this!). All I do is move it off screen and the same one is used the next time the update runs. It is best to hide (CMD-H) Quicken when you have finished using it or else the popup opens by default when you re-open Quicken and you have to use CMD-1 to switch to your actual data.

The process requires two things. An Automator job to perform the update, and a scheduling file to automate the job execution. Both are easy to do.

Step 1. Create the Automator job:

Create a folder inside your Applications folder, called MyApp (or whatever you like)

Open Automator (from the Applications folder)

Select 'New Document'

Choose 'Application' as the type of document

Click on 'Utilities' under 'Library' in the left hand pane

Drag 'Run JavaScript' to the right hand pane

Click on 'Options' in the 'Run JavaScript' window and select 'Ignore this actions input'

Replace the contents of the script area (copy and paste) with:

```
'use strict';

function run(input, parameters) {

    var App = Application.currentApplication();
    App.includeStandardAdditions = true;
    var appName = "Quicken";

    // App must be running
    if (!Application(appName).running()) {
        App.displayNotification(appName + " must be running to download transactions!", {withTitle: "Quicken Update"});
        throw Error(appName + " must be running to download transactions!");
    }

    var SystemEvents = Application("System Events")
    var seQuicken = SystemEvents.processes[appName]

    var front = seQuicken.frontmost();

    var accsMenu = seQuicken.menuBars[0].menuBarItems.byName("Accounts");
    var appMenu = seQuicken.menuBars[0].menuBarItems.byName(appName);
```

```

accsMenu.menus[0].menuItems.byName("Update All Online Accounts").click();

if (!front) {
    appMenu.menus[0].menuItems.byName("Hide " + appName).click();
}

}

```

Select 'File/Save' and save it in your 'MyApps' folder created earlier. Call it QuickenAccUpd.app

Step 2. Create the execution schedule.

Open a text editor (TextEdit or whatever you normally use)

Copy the following into the file:

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
    <key>Label</key>
    <string>QuickenAccUpdate.job</string>
    <key>ProgramArguments</key>
    <array>
        <string>/usr/bin/open</string>
        <string>/Applications/MyApps/QuickenAccUpd.app</string>
    </array>
    <key>StartCalendarInterval</key>
    <array>
        <dict>
            <key>Hour</key>
            <integer>7</integer>
            <key>Minute</key>
            <integer>0</integer>
        </dict>
        <dict>
            <key>Hour</key>
            <integer>19</integer>
            <key>Minute</key>
            <integer>0</integer>
        </dict>
    </array>
</dict>
</plist>

```

If you did not name the folder in step 1 'MyApps', change 'MyApps' in the text to whatever name you chose.

Change the schedule to suit your requirements: The above is set up to run every day at 7am and 7pm. You can add more or remove one of the schedule 'dict' entries.

You can configure any number of parameters, including things like day of week, day of month etc. but these are beyond the scope of this article.

For more info on scheduling via 'launchd' see: <https://developer.apple.com/library/archive/documentation/MacOSX/Conceptual/BPSystemStartup/Chapters/CreatingLaunchdJobs.html>

Save the file as /Users/<you>/Library/LaunchAgents/QuickenAccUpdate.job.plist (Change '<you>' to your user id).

Log out and log back in and you should be good to go.

Don't like it?

To remove, simply delete the two files you created (QuickenAccUpd.app and QuickenAccUpdate.job.plist), then log out and back in.