

Getting the AppleScripts Software

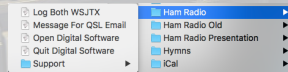


1. <https://tasmus.com/ham/applescript-integration/> and click on the download option.
2. In your downloads folder, unzip the downloaded folder by double clicking on it.

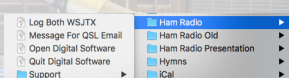
To Work Correctly, the AppleScripts MUST be in the Correct Location.

Drag the "Ham Radio" folder from Downloads to
"Macintosh HD:Users:homeFolder:Library:Scripts:"

- Test by clicking on the AppleScript Menu icon  located toward the top right of the main window bar.



Using the AppleScripts



- ❑ Before calling "Log Both WSJTX", you must have the call sign in MacLogger selected. Then, put a cursor into the WSJTX log dialog in the name field. Now you can call "Log Both WSJTX".
- ❑ Before calling "Message for QSL Email", you must click the Email Button in MacLoggerDX. Then, call "Message for QSL Email".

Primary AppleScripts and What They Do

Open Digital Software.scp

1. Identifies the status of FLDIGI and WSJTX
2. If neither are running, a dialog appears where the desired software can be selected.
3. If one is running, its associated software is quit, and the other software set is run.

Quit Digital Software.scp

1. Identifies which software set is running FLDIGI or WSJTX.
2. The set that is running is quit.

Primary AppleScripts and What They Do Continued

Log Both WSJTX.scp

1. If WSJTX is running, the QSO will be logged in both WSJTX and MacLoggerDX.
2. For this script to work,
 - a. it is important that the contacts entire call sign is selected in MacLoggerDX and
 - b. a cursor is in the Name field of the WSJTX Logging dialog.

Message For QSL Email.scp

1. Prior to running this script, click on the Email button on the QSO panel of MacLoggerDX. This will cause the QSO card to be created in Apple Mail.
2. Run the Message For QSL Email script.
3. This will create a few custom lines in the email to personalize it.
4. It then signs your email with
 - a. 73,
 - b. Your first name, and
 - c. Your callsign.

Interesting Code Snippets

Folder and File Paths

```
--Get Home Folder Location As Text and Alias
set homeFolder to (path to home folder as text)
set homeFolderAlias to (path to home folder as alias)

--Get Scripts Folder Location As Text and Alias
set scriptsFolder to homeFolder &
    "Library:Scripts:" as text
set scriptsFolderAlias to homeFolder &
    "Library:Scripts:" as alias

--Get Ham Radio Software Folder Location As Text
and Alias
set hamFolder to scriptsFolder & "Ham Radio
New:" as text
set hamFolderAlias to scriptsFolder & "Ham Radio
New:" as alias
```

```
--Get Support Software Folder Location As Text and
Alias
set supportFolder to hamFolder & "Support:" as
text
set supportFolderAlias to hamFolder & "Support:"
as alias

--Set Software Paths
set FLDIGIalias to supportFolder & "Open FLDIGI
Software.sct" as alias
set WSJTalias to supportFolder & "Open WSJT
Software.sct" as alias
```

WHAT DIGITAL SOFTWARE IS RUNNING?

For A Particular Software Set

```
tell application "fdigi-4.2.06"
    if application "fdigi-4.2.06" is running
then
    run script quitFLDIGIalias
end if
end tell

tell application "wsjtx"
    if application "wsjtx" is running then
        run script quitWSJTalias
    end if
end tell
```

WHAT DIGITAL SOFTWARE IS RUNNING?

For Any Software Set

```
tell application "wsjtx"
    if application "wsjtx" is running then
        set wsjtx to true
    else
        set wsjtx to false
    end if
end tell

if wsjtx = false and fdigi = false then
    --if no digital software is running do
    this
else if wsjtx = true then
    --if wsjtx software is running do this
else if fdigi = true then
    --if fdigi software is running do this
end if

tell application "fdigi-4.2.06"
    if application "fdigi-4.2.06" is running
then
    set fdigi to true
    else
    set fdigi to false
    end if
end tell
```

Customize QSO Email

```
tell application "Mail" to activate

tell application "System Events"
    key code 125 --Same as pressing the down arrow once
    keystroke return & "Thanks for the contact " & firstName & "!" & return & return & "73," &
        return & return & myFirstName & return & myCallSign & return
    keystroke "D" using {command down, shift down}
end tell

delay 1

tell application "Mail" to send
```

