

Applications Preventing Reboot (macOS/Windows)

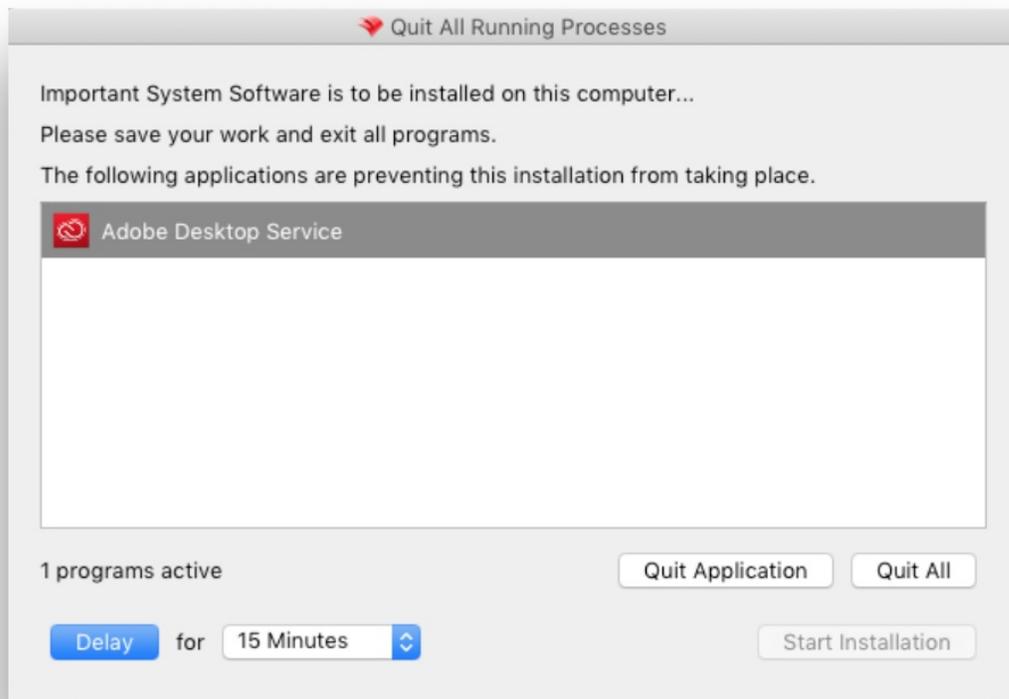
Description

Before the FileWave client reboots a computer, where the Fileset properties are set to reboot, a warning can be expected to 'Quit All Running Processes' with a list for the user to address.

Some processes do not respond to FileWave Clients requests to quit when "Quit all" or "Quit Application" is being used, because they are being immediately restarted by LaunchDaemon after quitting, or do not respond properly to the signals sent to them by FileWave. This can result in users being blocked from installing FileSets with the "Reboot" Flag set.

Information

Although this warning is usual, there are instances where certain apps or processes can appear in the queue that are unexpected, for example:



As a service, this can show even though the user is not using Adobe Apps at the time.

Solution

Requirements to prevent this experience are:

- Customised Kiosk Fileset
- macOS client - Bundle ID of the App or Service to exclude
- Windows client - Name of running process

A settings file may be configured to allow for certain apps. Create a fileset containing the settings.ini and then associate it to the desired clients. The directory where the file should be placed depends on the operating system:

macOS

/usr/local/sbin/FileWave.app/Contents/Resources/fwGUI.app/Contents/custom

Windows (FW v15.4.2 or lower)

C:\Program Files (x86)\FileWave\custom

Windows (FW v15.5.0 or higher)

C:\Program Files\FileWave\kiosk\custom

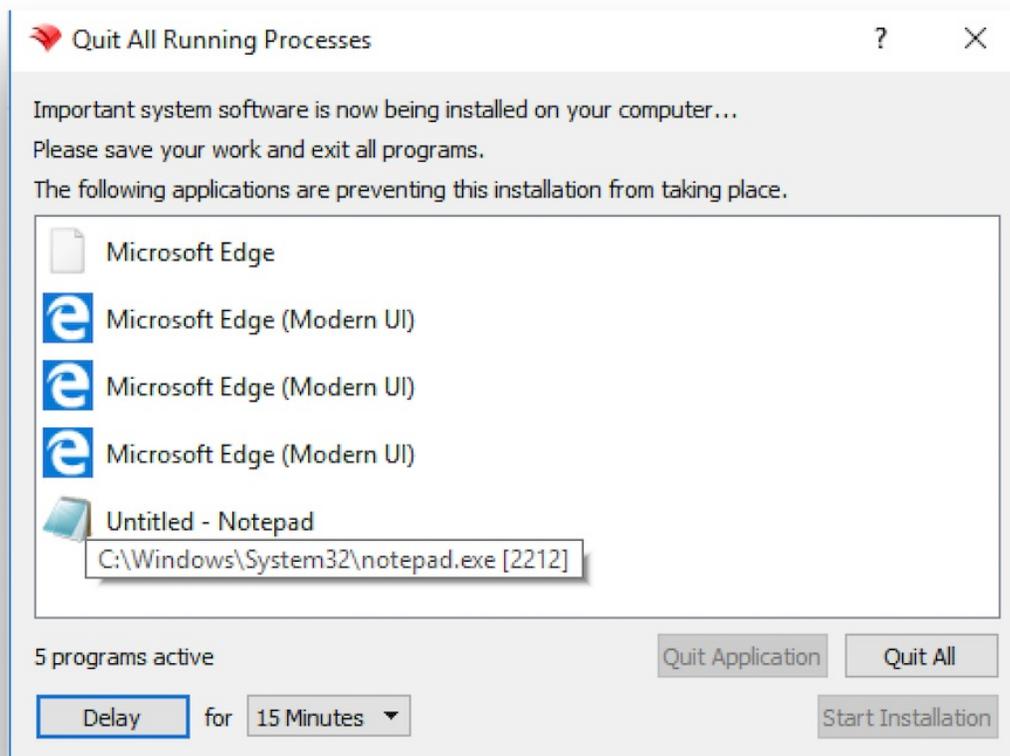
The changes will only be visible in the desktop Kiosk after the user logs out and logs in again.

To exclude an unexpected process from being listed and preventing the reboot, first obtain the Bundle ID or process name of the listed App or Service.

Obtain Bundle ID or Process Name

Windows

- Send any Fileset that has its Fileset Properties set to 'Requires Reboot' to the test machine
- Hover over the desired process to exclude



In this example, to exclude notepad you require: 'notepad.exe'

macOS

- Change a test device's Debug Level to 99 through the [Client Monitor](#)
- Send any Fileset that has its Fileset Properties set to 'Requires Reboot' to the test machine
- Once device prompts to quit applications, open the the FWGUI.log found in the users Application Support directory.

~/Library/Application\ Support/FileWave/FWGUI.log

There should be lines similar to the following, for each process that has prevented the reboot:

```
|DEBUG|INSTALLER|[addProcessInfo] new process added /Applications/Utilities/Terminal.app pid 67345 bundleID com.apple.Terminal
|DEBUG|INSTALLER|[addProcessInfo] new process added /Applications/Preview.app pid 73400 bundleID com.apple.Preview
|DEBUG|INSTALLER|[addProcessInfo] new process added /Applications/TextEdit.app pid 73718 bundleID com.apple.TextEdit
```

Configure 'settings.ini'

The 'settings.ini' file should be configured with the following format (Bundle IDs or processes being a comma separated list):

```
[General]
ignoredApplications=com.bar, com.foo
```

For the example of Windows Notepad, it should read:

```
[General]
ignoredApplications=notepad.exe
```

✔ To avoid the newer default processes Microsoft now include, consider ignoring the following:

```
[General]
ignoredApplications=StartMenuExperienceHost.exe,SearchApp.exe,TextInputHost.exe
```

For the example of macOS TextEdit, it should read:

```
[General]
ignoredApplications=com.apple.TextEdit
```

Combining this with current generic settings, it may look something like:

```
show_top_downloads=false
window_title="My Customized Kiosk"
hide_system_tray=false

[General]
ignoredApplications=com.adobe.acc.AdobeDesktopService,com.apple.TextEdit
```

Deployment

Deploy the 'settings.ini' file to the following locations:

macOS

```
/usr/local/sbin/FileWave.app/Contents/Resources/fwGUI.app/Contents/custom
```

Windows (FW 15.4.2 and lower)

```
C:\Program Files (x86)\FileWave\custom
```

Windows (FW 15.5.0 and higher)

```
C:\Program Files\FileWave\kiosk\custom
```

🔄Revision #5

★Created 14 July 2023 18:50:31 by Josh Levitsky

🔧Updated 18 October 2024 15:34:53 by Josh Levitsky