

Launch Init Documentation (v2.0)

Launch Init is a Macintosh INIT program that records usage statistics when applications are launched. This version is a complete rewrite of the old version (v1.1). Both the functionality and user interface are greatly improved.

To configure Launch Init 2.0, Command-Option Double-Click! (Hold down both the command and option keys, and then double click on the Launch Init 2.0 icon.) The configuration may change the program itself, so it is recommended that you make a backup of the program before configuring it.

You will see the following dialog box after entering the configuration program:

Launch Init 2.0 (MultiFinder Version)
by Theodore Wu
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Record the following information:

<input checked="" type="checkbox"/> Application Name	<input type="checkbox"/> Volume Name
<input checked="" type="checkbox"/> Start Date	<input checked="" type="checkbox"/> Start Time
<input type="checkbox"/> End Date	<input type="checkbox"/> End Time
<input checked="" type="checkbox"/> User Name	<input checked="" type="checkbox"/> Length of Use

☒ Use Name From Chooser
☐ Use
☐ Enter At Startup

☐ Update Chooser Name

This dialog lets you select the information that will be included in your log file. There are eight pieces of data that can be collected for each run of the application.

- **Application Name:** Name of the program that is being launched.
- **Volume Name:** Name of the volume (disk) that the application resides on.
- **Start Date:** Date on which the application is launched.
- **Start Time:** Time when the application is launched.
- **End Date:** Date on which the application is exited.
- **End Time:** Time when the application is exited.
- **User Name:** Name of the user that uses the program. (There are several options, see below)
- **Length of Use:** Total time the program is being used.

The data of the User Name field can come from one of the following three sources:

- **Use Name From Chooser:** The user name that shows up on the chooser window will be

used. The name is retrieved from the chooser when the application quits, so it reflect the last change to the name in the chooser window before the application quits.

- **Use ???:** The user specified name will be used for the user name.
- **Enter At Startup:** A window will be shown at system startup to prompt the user for a name. The name you enter in "Use ???" editable text box will be the default. If you don't want any default, leave the editable text box blank.

When "Use ???" or "Enter At Startup" is selected for the user name source, you can update the user name in the chooser window at every system startup to the one Launch Init will use by enabling the "Update Chooser Name" check box.

There are five buttons at the bottom of the dialog box:

- **About:** Gives more information about Launch Init 2.0
- **Save:** Saves all the changes you made to Launch Init. This saves all the changes you made to the option dialog as well. You will have to restart the computer for the new settings to take effect.
- **Final:** Saves all the changes you made to Launch Init and removes the configuration code. You will not be able to change the configurations if you confirmed this operation. This might be useful if you want to reduce the size of Launch Init to fit into a floppy system or you don't want anybody to change your settings.
- **Cancel:** Cancels all the changes you have made and quit. Changes in the option dialog will also be lost.
- **Options:** Brings up the option dialog for more configuration.

The option dialog looks like the following:

The screenshot shows a dialog box titled "LaunchInit Options:". In the top right corner is an "Ok" button. The main area contains several options, each with a checkbox:
- ☒ Don't Log Finder
- ☒ Don't Log Files Start With . [text box]
- ☐ Don't Log System Startup
- ☐ Don't Log System Shutdown
- ☒ Create New File If Log File Busy
- ☒ Write In System Folder If Directory Locked
- ☒ Beep If Application Is Not Logged
Below these are two text input fields:
- "Log File Name:" followed by a text box containing "LogFile" and a suffix "+ '# #' + '(mm/yy)'"
- "Log File Directory:" followed by a text box containing "Usage"
Below the text boxes is a button labeled "Set Log File Directory".
At the bottom, under the heading "Make New Log File", are four radio buttons:
- ☐ Daily
- ☐ Weekly
- ☒ Monthly
- ☐ Quarterly

Options that can be turned either on or off are listed on top of the dialog box. If they are turned on, they mean the following:

- **Don't Log Finder:** The application "Finder" will not be recorded. This is very useful when using Finder where the application "Finder" is launched every time when any other applications quit.

- **Don't Log Files Start With ???:** Any application whose name starts with "???" (the enterable text) will not be logged. The enterable text can be as long as 9 characters.
- **Don't Log System Startup:** The system startup item will not be written. The system startup item is an entry in the log file with the application name "_Startup". The "Start Date" and "Start Time" fields tell when Launch Init is run, and the "End Date" and "End Time" fields tell when Finder or MultiFinder is started. If Launch Init is the first init in the system, the "Length" field gives the total time for the system to startup.
- **Don't Log System Shutdown:** The system shutdown item will not be written. The system shutdown item is an entry in the log file with the application name "_Shutdown". The "Start Date" and "Start Time" fields tell when Launch Init is run. (Approximately the same as the time when the system is turned on) The "End Date" and "End Time" fields tell when the system is shut down. The "Length" field gives the total time the computer is being used.
- **Create New File If Log File Busy:** If the log file is busy (being written to by another copy of Launch Init, being opened by an application, or locked) another file will be created. Since different files can not have the same name, a two digit number is appended to the filename if this option is enabled.
- **Write In System Folder If Directory Locked:** If the disk on which the log file should be written is not mounted or is locked, or the directory in which the log file should be written is not available, the statistic information will be written to the current system folder. (Log files will be created if necessary.) Nothing will be written if the current system disk is locked.
- **Beep If Application Is Not Logged:** If an application is not logged due to abnormalities (not listed as "Don't Logs" above), a beep will be generated when the application quits.

The log file can be specified in the following way:

- **Log File Name:** You can type the name of your log file in the editable text box. The actual name to be used will be the name you give concatenated with a string depending on the option you choose.
- **Log File Directory:** The log file directory can be set by clicking the "Set Log File Directory" button. A standard dialog box will be shown. Go to the proper disk and folder, then click on "Set" to set the directory. (You need to open the folder first in order to set the log file directory to that folder.) The pop-up menu next to "Log File Directory" shows the name of the folder in which the log file will be created. Click on the pop-up menu will bring up a menu with names of the parent, grand parent, etc. of the folder. Any disk or directory that is not available will be dimmed in the menu. Selecting an active menu item will make that folder the log file directory. (Note: the log file directory is identified by the directory ID of the folder. You can rename the folder, move the folder anywhere on the same volume without reconfiguring Launch Init. However, if you delete the folder and create a new one, you have to reconfigure Launch Init.)

The log file can be created on a Daily, Weekly, Monthly, or Quarterly basis:

- **Daily:** A new log file will be created every day. The log file name is appended with the date, month and year "(dd/mm/yy)".
- **Weekly:** A new log file will be created every week. Sunday is the first day of the week. The log file name is appended with the date, month and year of the first day of the week. "(dd/mm/yy)".
- **Monthly:** A new log file will be created every month. The log file name is appended with the month and the year. "(mm/yy)".
- **Quarterly:** A new log file will be created every three months. January, February, and March is the first quarter (Spr); April, May, and June is the second quarter (Sum); July, August, September is the third quarter (Aut); October, November, and December is the fourth quarter (Win). The file name is appended with the quarter name and the year. "(qqq yy)".

Launch Init is shareware. The following fee is required for all copies:

- **\$10.00** for the first 10 copies.
- **\$7.50** for each additional copy.
- **\$2.00** for disk and shipping/handling.

The enclosed Launch Init 2.0 is a trial copy. It will remind you about the shareware fee 30 days

after you first use it. To receive a registered copy of Launch Init 2.0, send the attached register form with check or money order to:

Theodore Wu
85 Easton Ave. Apt. 4E
New Brunswick, NJ 08901
U. S. A.

A disk containing Launch Init 2.0 will be sent if a \$2 shipping/handling fee is included. Or, if you prefer, Launch Init can be send to you by email. Future upgrades will be free for all registered users. For registered Launch Init 1.x users, Launch Init 2.0 will be sent by email if email address is available. Otherwise, send a disk with a self-addressed stamped envelop to the above address to get your free upgrade.

Any comments or suggestions can be also directed to the above address or the following email addresses:

twu@caip.rutgers.edu
twu@cancer.rutgers.edu

Disclaimer: This program has no relation to Rutgers University.

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