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*Automated Workflows, LLC specializes in providing AppleScript, Automator, and workflow automation consulting services to Macintosh-based businesses.*

## **Automator Multi-Item Processing Utility**

Last Revision Date: 12.18.2006



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# About Automated Workflows, LLC

## Our Mission

Automated Workflows, LLC's mission is to enhance essential workflows by developing powerful, effective, and efficient solutions that are designed to ensure consistency and accuracy while reducing redundancy and expenditure.

## Our Experience

*"Automated Workflows did not just meet my expectations, they exceeded them! The project was finished ahead of schedule and under budget. The script works flawlessly and has saved my staff considerable time and effort."*

- Doug Pierce, Piermed, Inc.

*"Thanks a million for your help. I can see from the script that you have lots of experience at this stuff... You have saved us a lot of time... I am beginning to realize/appreciate how much time this will save me."*

- David B. Wolff, NASA

*"We've been nothing but extremely satisfied with everything about your process. Your skill as a systems integrator is truly a gift... Thank you very much for bringing this in on schedule and under budget."*

- Ken Howard, Irvin Simon Photographers

Our developers have had the opportunity to work with many companies in the past, including the following:

Abercrombie & Fitch  
AdCritic.com  
Adobe Systems, Inc.  
Apple Computer  
Bancroft School  
BowTie, Inc.  
CNN  
CNI Corporation  
Crain Communications  
Discovery Data Systems  
DMiINTERACTIVE  
East West Creative  
FindaNet.com  
Foundation for Brain  
Research  
G&R Publishing

Garden State Laboratories  
Generate Strategic  
Marketing and Design  
Howland Design  
Image Quest  
Irvin Simon Photography  
Johns Hopkins University  
Press  
Las Vegas Review Journal  
Library Video Company  
Managing Editor, Inc.  
Micah Diamond  
Photography  
NASA  
National Motorcoach  
Network, Inc.

nFinity, Inc.  
Northstar Media, Inc.  
Norwood Promotional  
Products  
PC World  
Piermed, Inc.  
Prestwick House, Inc.  
Sosmetal Products, Inc.  
The Advisory Board  
Company  
The Virtual Training  
Company  
Time Magazine  
TV Guide Magazine  
U.S. Balloon  
Manufacturing Co.  
U.S. Marine Corps

## **Our Services**

Automated Workflows, LLC offers a wide range of professional AppleScript, Automator, and workflow automation consulting services to Macintosh-based businesses across the globe. Our solutions help companies to achieve a more efficient use of time and resources.

Our primary service areas include:

- Workflow Analysis and Planning
- Custom AppleScript and Automator Solution Development
- Custom AppleScript and Automator Training
- Seminars and Presentations
- Developer Services and Assistance

## **Professional Memberships**

Automated Workflows, LLC is Apple Help Desk Certified, and holds memberships in the following professional organizations:

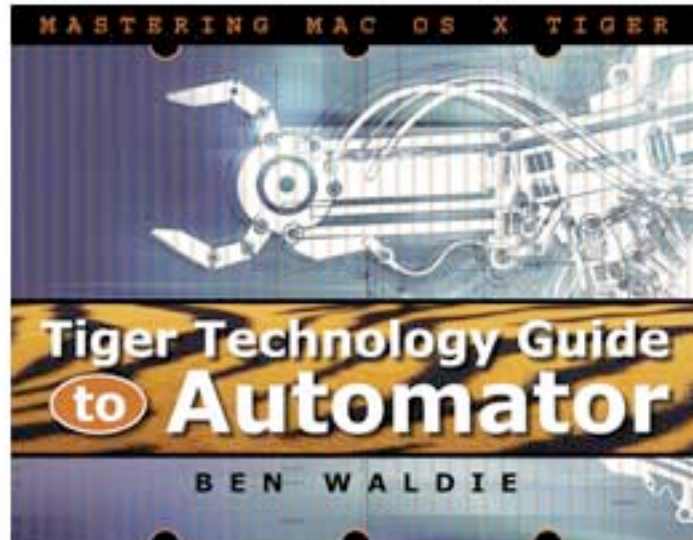
- Apple Consultants Network
- Apple Developer Connection
- Dantz Partner Network
- FileMaker Solutions Alliance
- Netopia Partner Program
- MacDeveloper
- Macintosh Business Users Society of Greater Philadelphia
- QuarkAlliance

For client testimonials, success stories, and other general information about Automated Workflows, LLC, please visit our web site at [www.automatedworkflows.com](http://www.automatedworkflows.com).

## Additional Information

Please continue to visit the Automated Workflows, LLC web site at [www.automatedworkflows.com](http://www.automatedworkflows.com) for new product announcements and services as they become available. If you have any suggestions for this product or future products, please email us at [sales@automatedworkflows.com](mailto:sales@automatedworkflows.com).

For additional information about Automator, be sure to check out Ben Waldie's *Tiger Technology Guide to Automator*, available from SpiderWorks [www.spiderworks.com](http://www.spiderworks.com).



## System Requirements

This solution requires that the following software be installed:

- Mac OS X, version 10.4 or higher
- AppleScript, (Installed with the operating system)
- Automator, (Installed with the operating system)

Please note that this solution has been built with AppleScript. Since AppleScript terminology can change from version to version of an application or the operating system, a code update may be required if you upgrade your software in the future. Prior to performing an upgrade, we recommend conducting a parallel test with your solution to determine whether changes will be required. If changes are required, please consult our website at <http://www.automatedworkflows.com> for information about obtaining a potential updated version.

## Overview

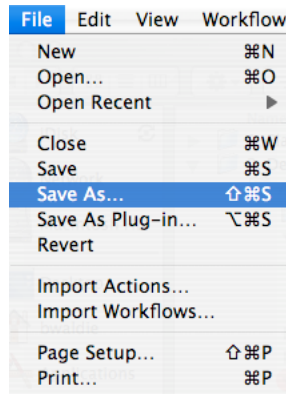
When Automator workflows are built to process files/folders as input, those files/folders will be processed as a batch, through the entire Automator workflow. In workflows that must open the input files in an application and perform further processing, this can become a problem, as the workflow would open every single file in the application at once, and then proceed to process the entire batch of opened files through each action in the workflow. For workflows that will be processing potentially hundreds or thousands of files/folders, this method is impractical.

The Automator Multi-Item Processing Utility provides a workaround for this situation. The Automator Multi-Item Processing Utility will convert an Automator workflow that has been saved as an application into an AppleScript-based application that will loop through dropped files/folders, processing them through the workflow individually.

## Usage

To use the Automator Multi-Item Processing Utility, perform the following steps:

- Create an Automator workflow that will accept files/folders as input
- Save the Automator workflow as an application, by selecting the *File > Save* menu in Automator



- Drag the saved Automator workflow application onto the Automator Multi-Item Processing Utility
- Specify a save name and location for the converted workflow
- To begin processing, drag and drop one or more files/folders onto the converted workflow application



## Support

Complimentary user-to-user product support is available via our online forum. To access the forum, visit our website at [www.automatedworkflows.com/support/support.html](http://www.automatedworkflows.com/support/support.html) and click on *Support*. Paid support is available on request. For information about paid support, please contact us at [support@automatedworkflows.com](mailto:support@automatedworkflows.com).

## Troubleshooting

If you experience any problems with your solution at any time, please try to make notes of what was occurring at the time the problem occurred. For example, please write down which file was processing, was a certain application in the front, did any dialog messages appear, etc. If a dialog did appear, then take a screen shot of the dialog, or make note of any error numbers displayed.

Feel free to email us at [support@automatedworkflows.com](mailto:support@automatedworkflows.com) to report bugs, providing a description of the error and any relevant details, including notes and screen shots. This will aid us in troubleshooting the problem. You may also submit bug reports from our website at <http://www.automatedworkflows.com/contact/feedback.html>.

## Contact Information

Please submit all correspondence and questions pertaining to this document to:

Automated Workflows, LLC  
Attn: Ben Waldie  
116 Cold Stream Road  
Phoenixville, PA 19460  
Office: 610.935.0652  
[support@automatedworkflows.com](mailto:support@automatedworkflows.com)

For additional information about Automated Workflows, LLC's products and services, please visit our web site at [www.automatedworkflows.com](http://www.automatedworkflows.com).

## **Version History**

12.18.06 – Version 1.0

- Initial Release

## License and Terms

**NOTICE TO USER: PLEASE READ THIS AGREEMENT CAREFULLY. BY INSTALLING OR USING THIS SOFTWARE, YOU ACCEPT ALL TERMS AND CONDITIONS SET FORTH BELOW.**

### License

This solution is delivered as a single user license. This means that you may distribute the solution to a single user's machine within a single organization only. If you wish to distribute the solution to additional users, offices and/or departments within a single organization, additional licenses must be purchased.

This product is to be used only by the purchaser, and is not to be distributed, in whole or in part, to other users, offices, departments, and/or parties without prior written permission by Automated Workflows, LLC.

Running the delivered solution in a server-based environment to process data from multiple organizations or individuals is strictly prohibited, unless otherwise agreed upon in writing, or unless a license is purchased for each organization or person whose data is being processed.

While some of the settings within this solution may be accessible and modifiable by you, the actual code used to create the solution is delivered as locked. Any attempt to extract, use, or reverse engineer this code is strictly prohibited.

### Solution Delivery

All solutions are delivered "as-is", and should be thoroughly tested prior to integration into any live workflows. In addition, we recommend that backups be made of all important information, data, and systems that may be affected by the solutions, prior to use of this solution.

While we perform a high level of offsite testing at our offices, we make no guarantees that our solutions will perform without fail in a complex and demanding workflow. There may be scenarios or situations that occur in a live workflow that were not anticipated during development.

### Live Testing

While we perform offsite testing of our solutions prior to delivery, we recommend that you perform rigorous testing prior to implementing your solution in a live workflow. We strongly recommend that you perform this testing prior to disabling any existing processes.

### **Third Party Software and Hardware**

Automated Workflows, LLC cannot be held responsible for problems with third party software or hardware that may arise during the use of any solution.

### **Disclaimer**

All terms are subject to change without notice.

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