

AppleScripting the iApps!

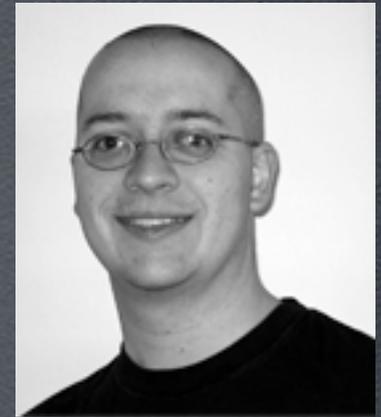


Thursday, January 13th 11:00 AM - 12:15 PM

Benjamin S. Waldie
President, Automated Workflows, LLC

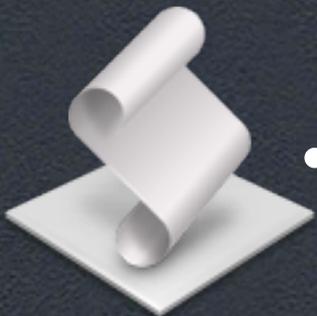


About Me



Benjamin S. Waldie

- President, Automated Workflows, LLC
- Columnist, MacTech Magazine
- Contributor, MacScripser.net
- President, Philly Area AppleScript UG
- Author, SpiderWorks

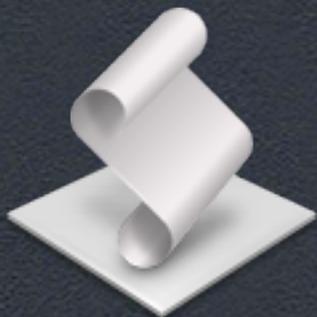


Session Overview

- Introduction to AppleScript and Scriptable Applications
- AppleScript Functionality in the iApps
- Getting Started with Basic iApp Scripting
- iApp Scripting Demos
- Resources and Next Steps

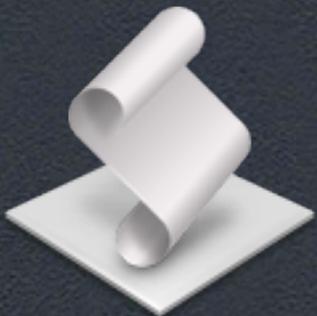


AppleScript



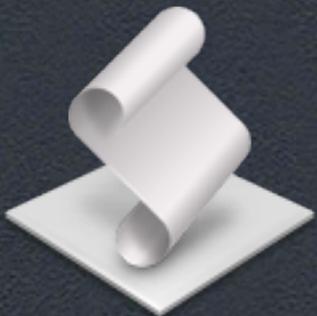
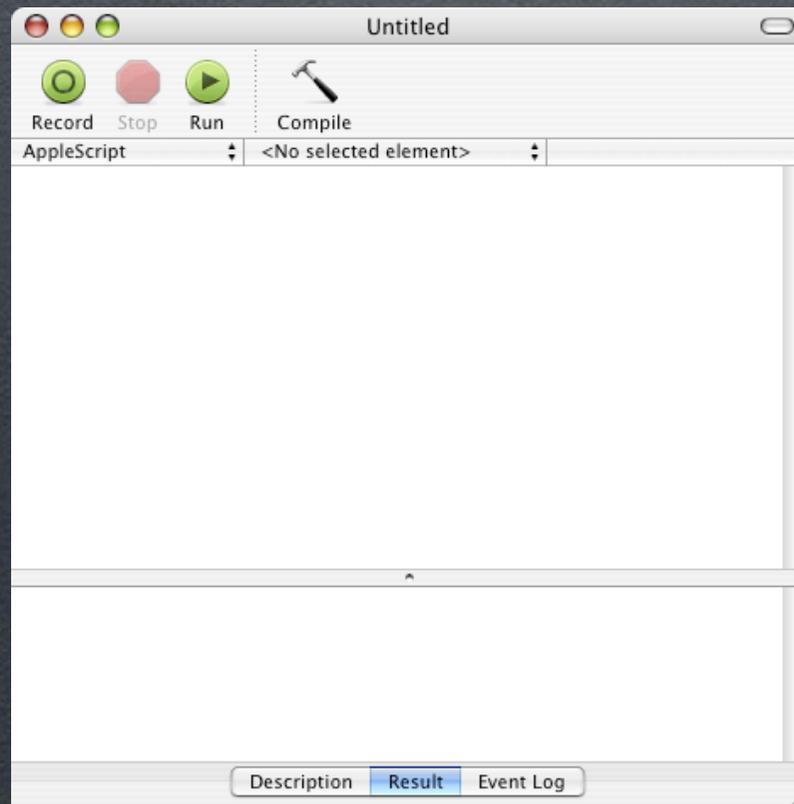
What is AppleScript?

- Built into *Mac OS X*
- Used to control existing applications
- Automates time consuming and repetitive tasks



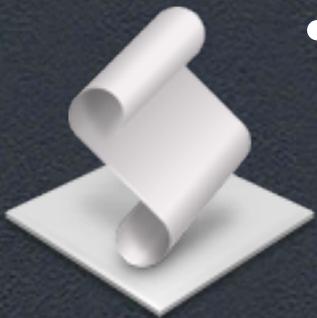
Writing Scripts

- Script Editor
 - Located in “Applications > AppleScript” folder



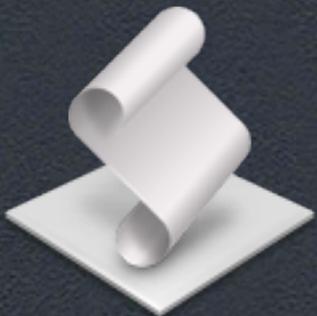
Scriptable Applications

- Applications must support AppleScript
- Scriptable Applications include an AppleScript dictionary
- Level of AppleScript support may vary from application to application
- Terminology may change between versions

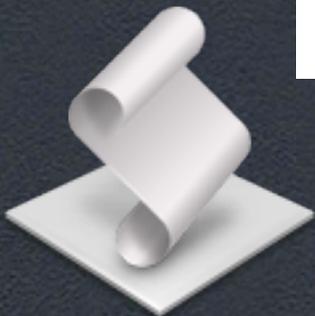
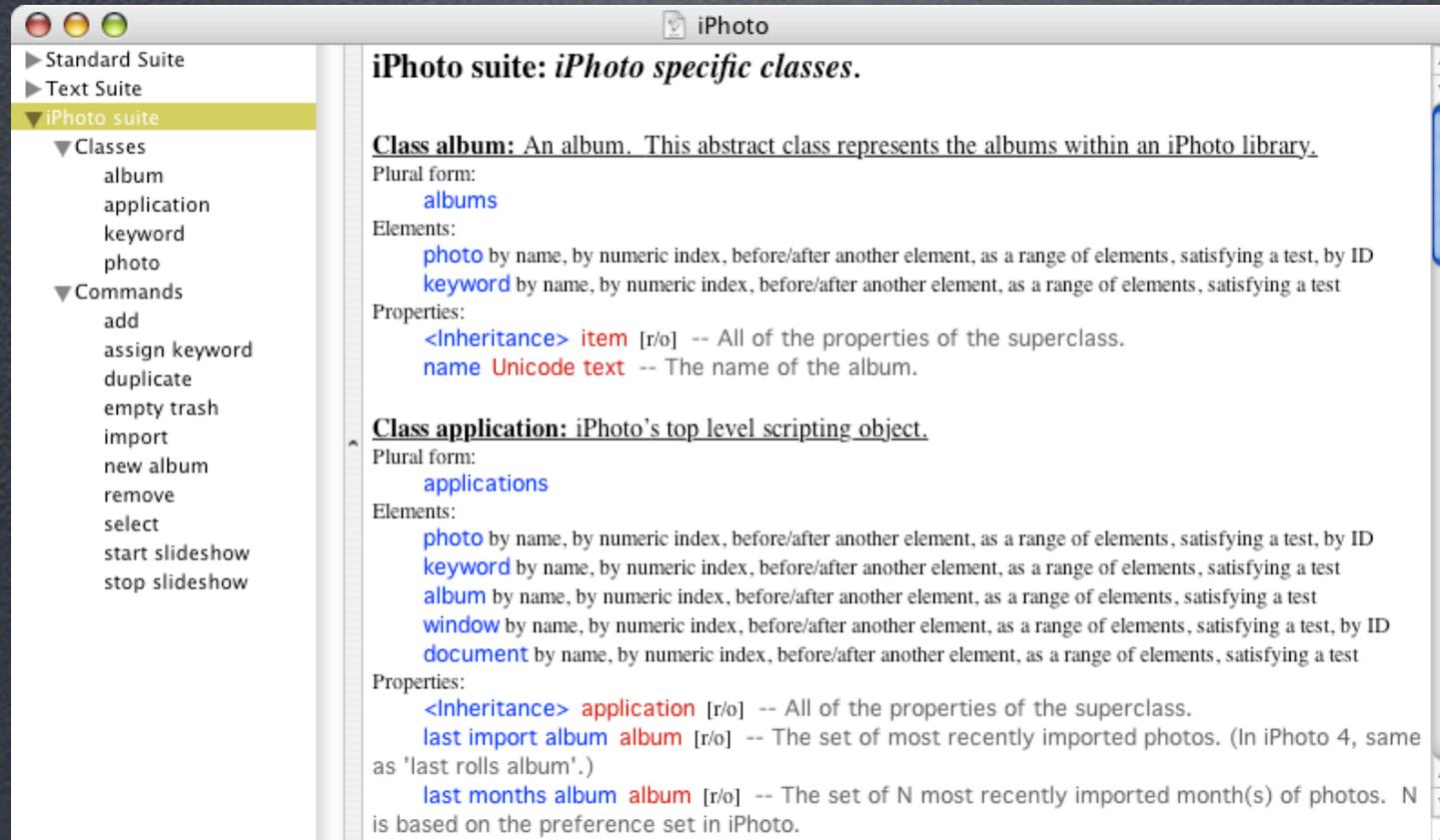


Viewing Application Dictionaries

- Launch Script Editor
- Select “Open Dictionary” from “File” menu
- Locate and select desired application
- Library palette provides quick dictionary access for commonly used applications

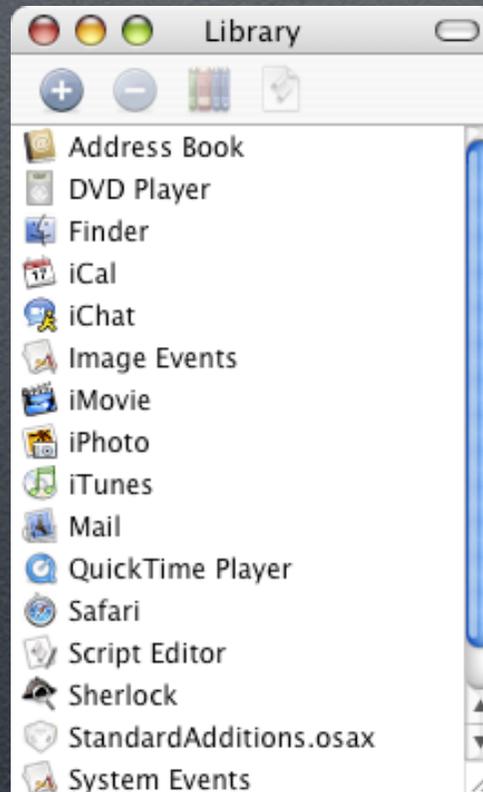


Viewing Application Dictionaries

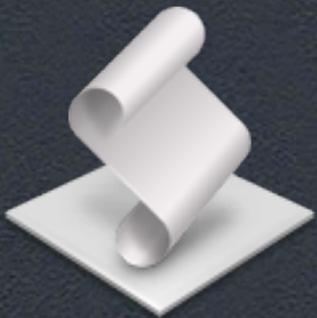


iPhoto Dictionary Window

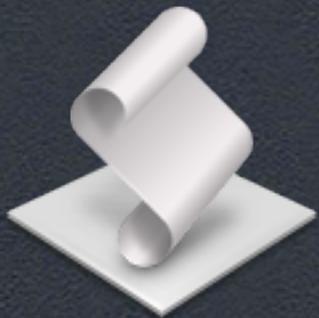
Viewing Application Dictionaries



Library Palette



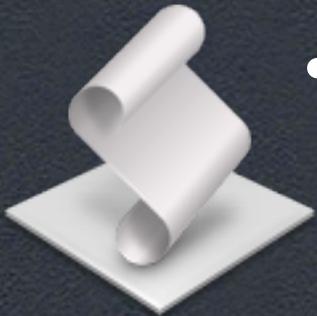
Scriptable iApps





iCal

- Schedule AppleScripts
- Trigger Alarms in iTunes
- Enter Events
- Extract Events
- Integrate with Other Applications





iChat

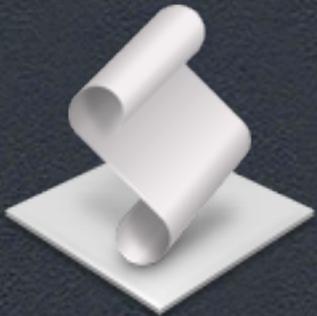
- Login and Logout
- Change Status
- Change Picture
- Send Messages
- Integrate with Other Applications





iDVD

- Align, Delete, and Move Interface Elements
- Build iDVD Projects
- Create Slideshows
- Integrate with Other Applications





iPhoto

- Batch Process and Convert Images
- Import and Export Images
- Assign Comments and Keywords
- Trigger Photoshop Actions
- Integrate with Other Applications





iTunes

- Import Tracks
- Adding and Extracting Track Information
- Manage Playlists
- Generate CD Inserts
- Integrate with Other Applications



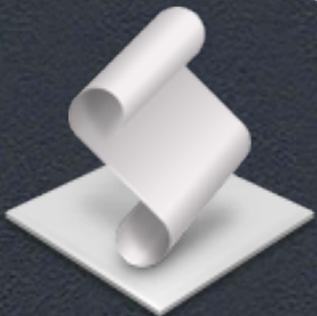
Other Scriptable Apps

- Address Book
- Image Events
- Mail
- QuickTime
- Safari
- Third Party Apps

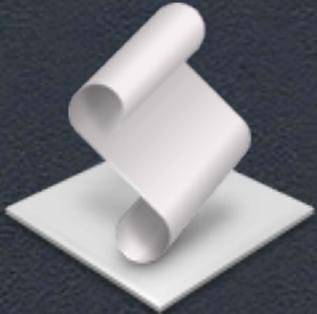


Non-Scriptable Applications

- DVD Studio Pro
- Final Cut Pro
- GarageBand
- iMovie
- Keynote (Scriptable with a Plug-in)
 - <http://commons.ucalgary.ca/~king/projects/keynoteplugins/applescript/>



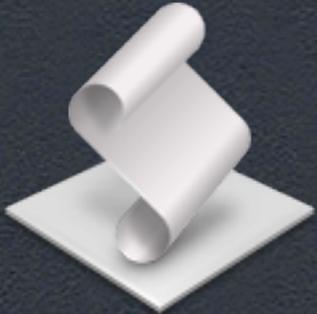
Hands On Scripting



Demos

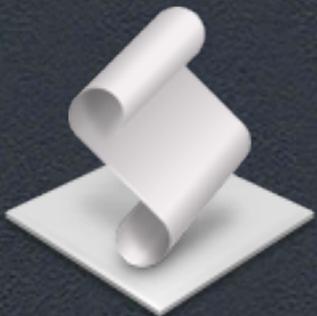


Resources



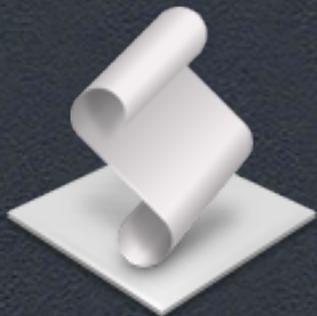
AppleScript Web Site Links

- Apple's AppleScript Web Site
 - <http://www.apple.com/applescript>
- MacScripter.net
 - <http://macscripter.net>
 - <http://osaxen.com>
 - <http://scriptbuilders.net>
- AppleScript for Absolute Starters
 - 65-page FREE AppleScript primer
 - <http://www.applescriptsourcebook.com>



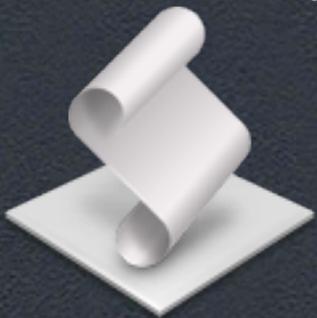
AppleScript Mailing Lists/ Forums

- Apple's Mailing Lists
 - AppleScript Users, AppleScript Studio, and AppleScript Implementers
 - <http://lists.apple.com>
- MACSCRPT Mailing List
 - <http://listserv.dartmouth.edu/archives/macscript.html>
- MacScripter.net's AppleScript BBS
 - <http://bbs.applescript.net/>



AppleScripting the iApps Web Site Links

- Apple's Web Site
 - Example scripts for iCal, iDVD, iPhoto, iTunes, and more!
 - <http://www.apple.com/applescript/apps/>
- Doug's AppleScripts for iTunes
 - <http://www.malcolmadams.com/itunes/>
- Jon's Little Page of AppleScripts
 - iChat, iTunes, Mail, Safari, and More!
 - <http://homepage.mac.com/jonn8/as/>



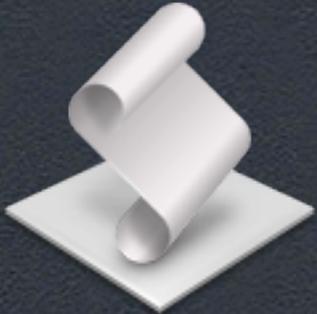
AppleScripting the iApps Web Site Links

- iChat Scripts Collection
 - <http://www.cocoaobjects.com/applescript/ics/>
- ScriptBuilders (MacScripter.net)
 - Searchable database of iApp (and other) scripts
 - <http://www.scriptbuilders.net/>
- Example Scripts from this Session
 - <http://homepage.mac.com/applescriptguru/presentations.html>



Q & A

(Please fill out your evaluation form)



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