



MACADMINS
CONFERENCE
2013

Giving Your AppleScripts a Face Lift with AppleScriptObjC

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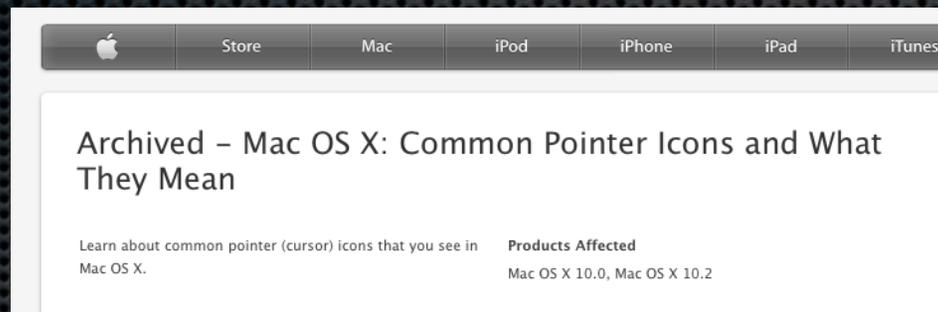
[@applescriptguru](#)

Welcome

Look Familiar?



AppleScript's Default Progress Indicators



		Progress indicator The progress indicator appears when an application needs some time to finish task. In Mac OS X 10.2 or later, this pointer appears in applications that need y to wait. If this pointer appears a long period of time, the application may have stopped responding or "crashed."
		Watch cursor The watch cursor may appear instead of the progress indicator in some stand b situations, such as with a Classic application.
		Progress indicator Some applications use this alternate spinning cursor.

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So. What's the problem?

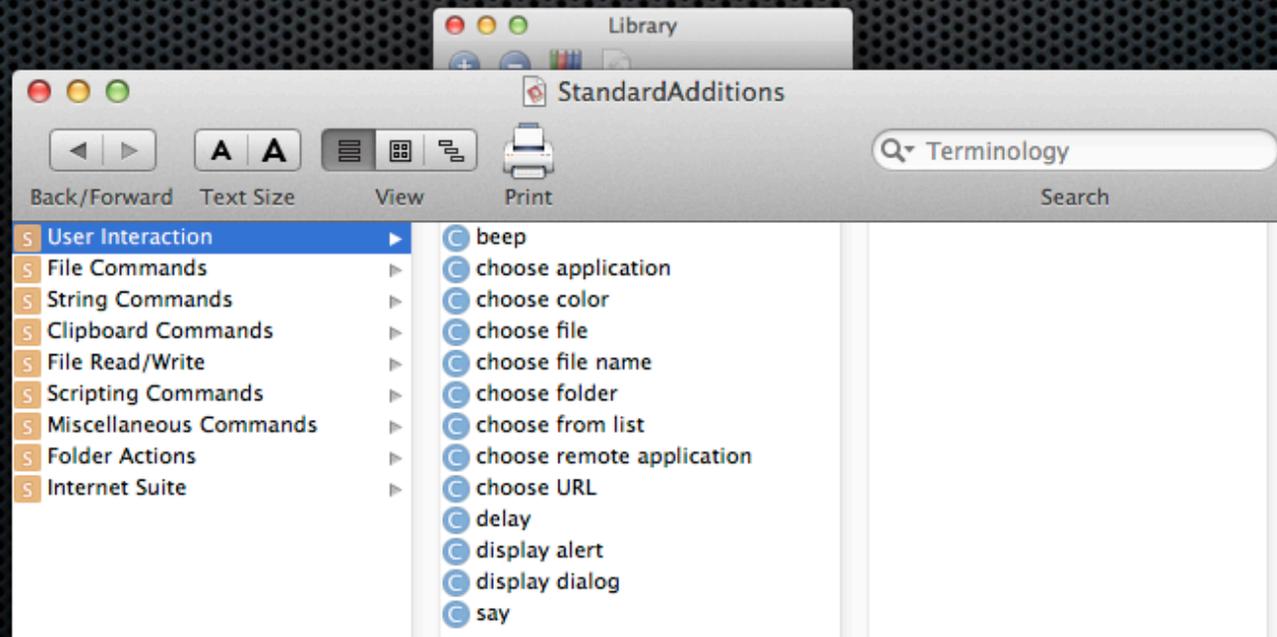
- ✦ Run and Done Scripts
 - ✦ UI not generally needed
- ✦ Time Consuming Scripts
 - ✦ May appear frozen
 - ✦ No idea of what's going on, when script will be done
- ✦ Complex Scripts
 - ✦ No way to change behavior

What Can You Do About it?

- Add Some Simple UI Elements
 - Alerts, dialogs, folder selectors, etc.
- Develop a Complex UI
 - The sky's the limit

Simple UI Elements

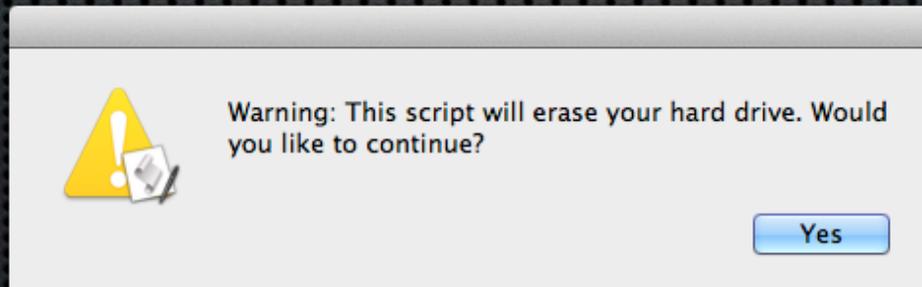
- Standard Additions Scripting Addition Commands
 - AppleScript Editor > Window > Library > Standard Additions



Simple UI Elements

```
display alert "Warning: This script will erase  
your hard drive. Would you like to continue?"  
buttons {"Yes"} default button "Yes" as warning
```

Simple UI Elements

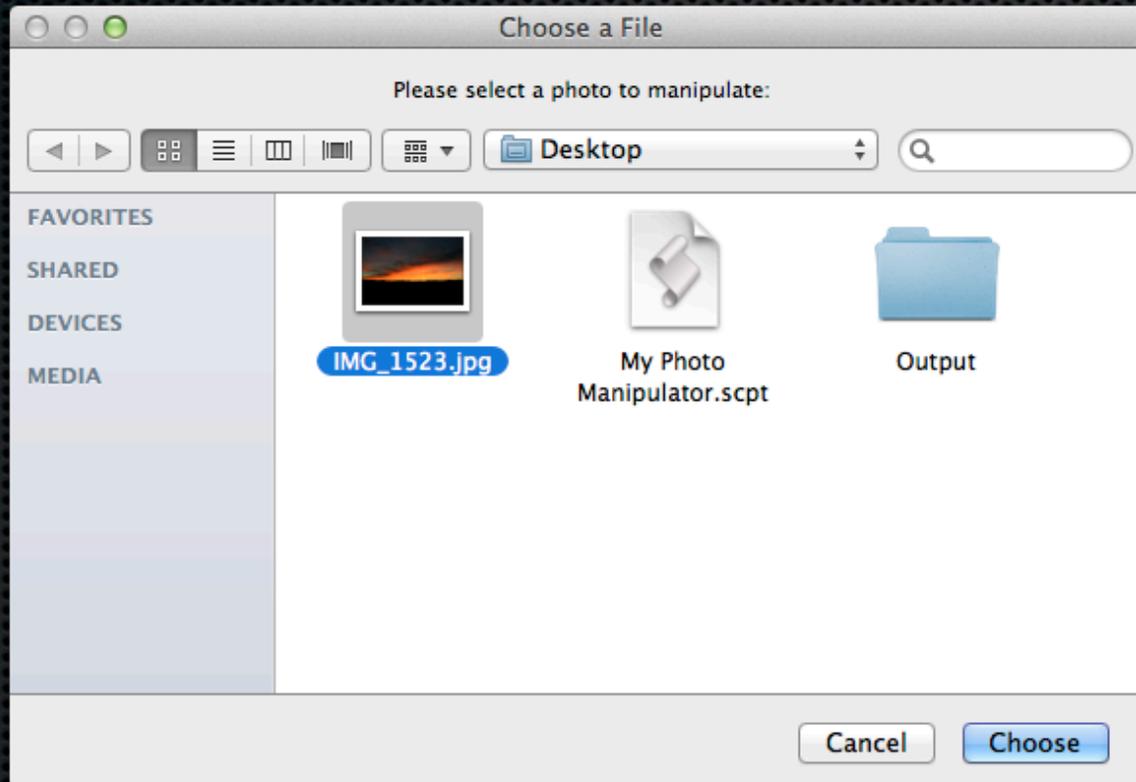


User Script Request

- Choose an image and an output folder
- Optionally flip the image horizontally and/or vertically
- Optionally rotate the image a specified amount
- Optionally scale the image a specified amount
- Save in BMP, JPEG, or TIFF format

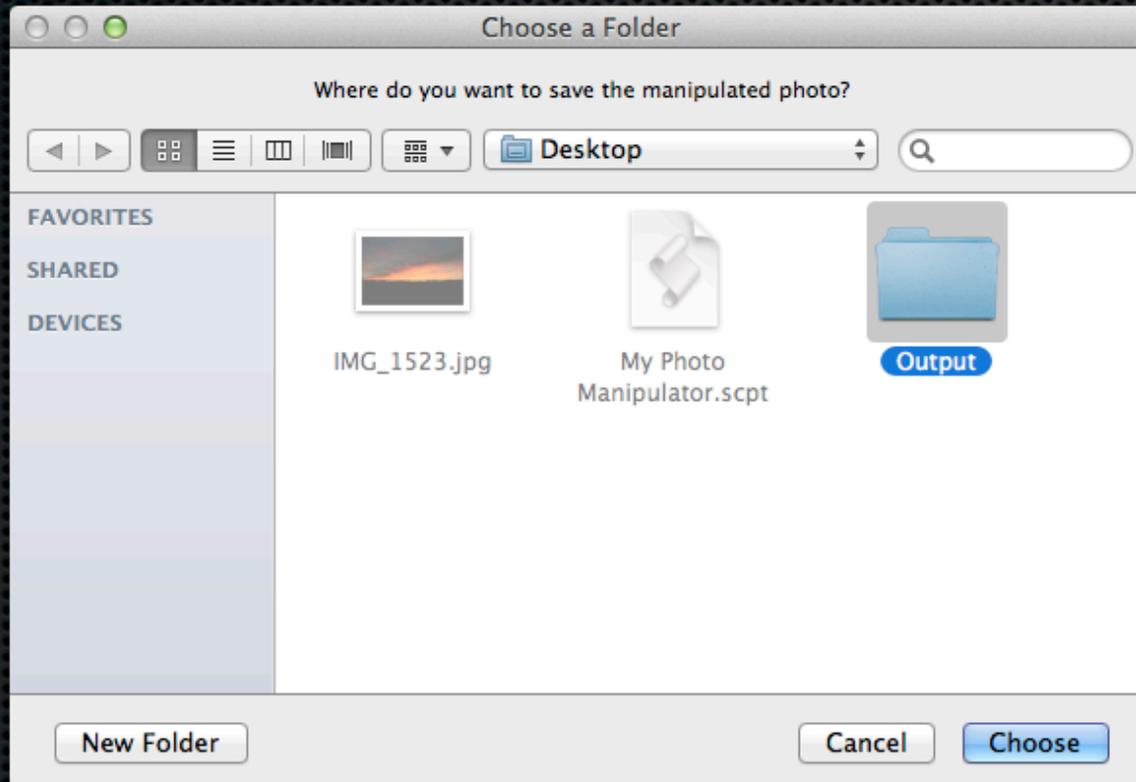
Simple UI Elements

My Photo Manipulator



Simple UI Elements

My Photo Manipulator



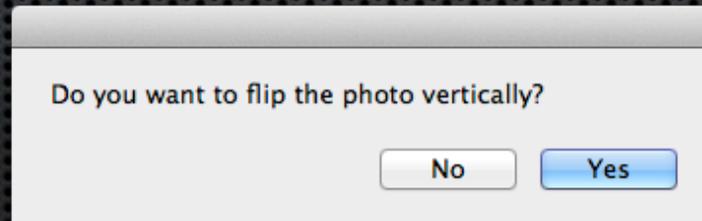
Simple UI Elements

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How much rotation do you want to apply?

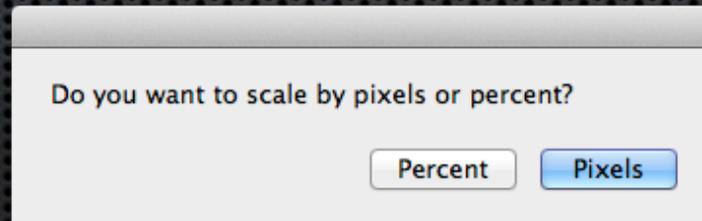
Simple UI Elements

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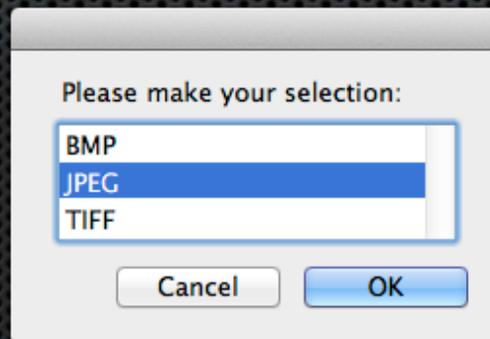
Simple UI Elements

My Photo Manipulator

Scale to:

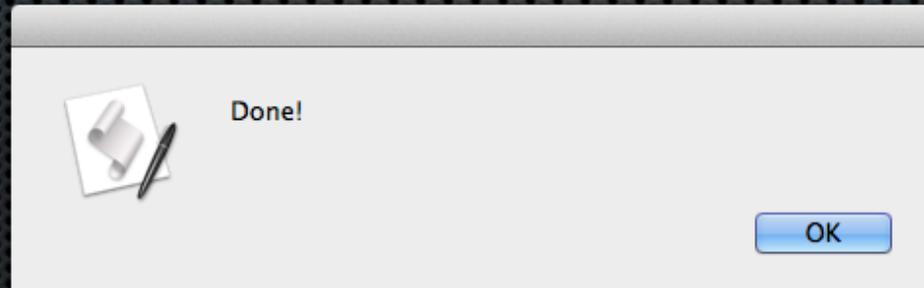
Simple UI Elements

My Photo Manipulator

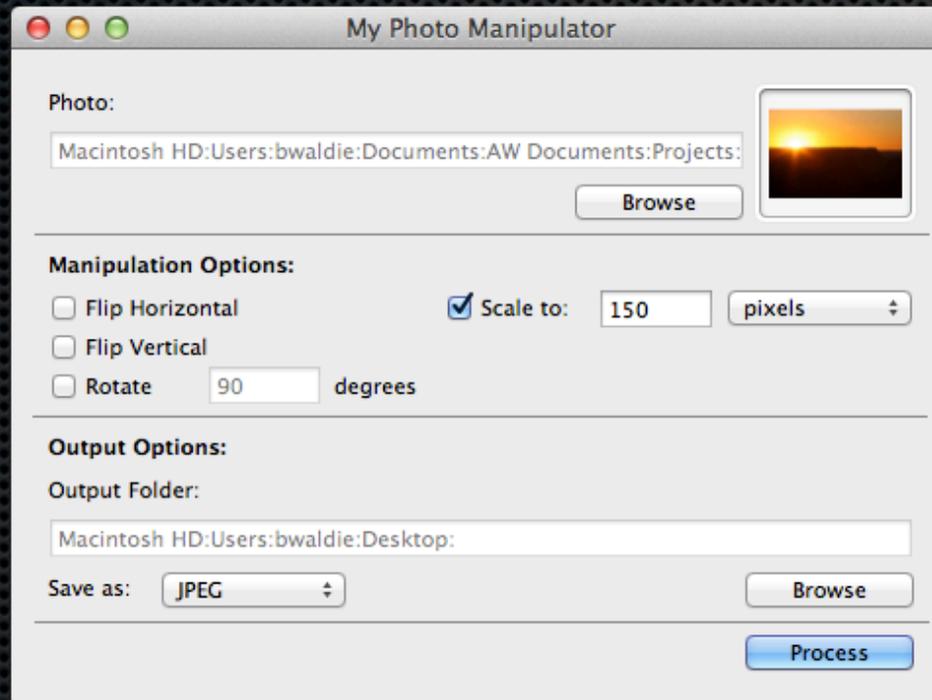


Simple UI Elements

My Photo Manipulator



AppleScriptObjC Complex UI



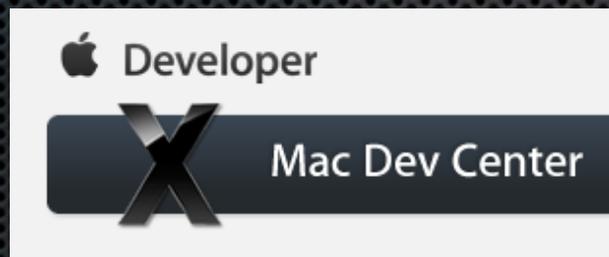
Simple AppleScriptObjC
Solution
Let's take a look...

Complex AppleScriptObjC
Solution
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Real World Examples...

Resources...

Apple's Mac Dev Center



<http://developer.apple.com>

Mac OS X Automation



<http://macosxautomation.com>

MacScripter



<http://macscripter.net>

Ben's Tips



www.automatedworkflows.com/tips



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