



# Iceberg 1.1.6

## Integrated Packaging Management

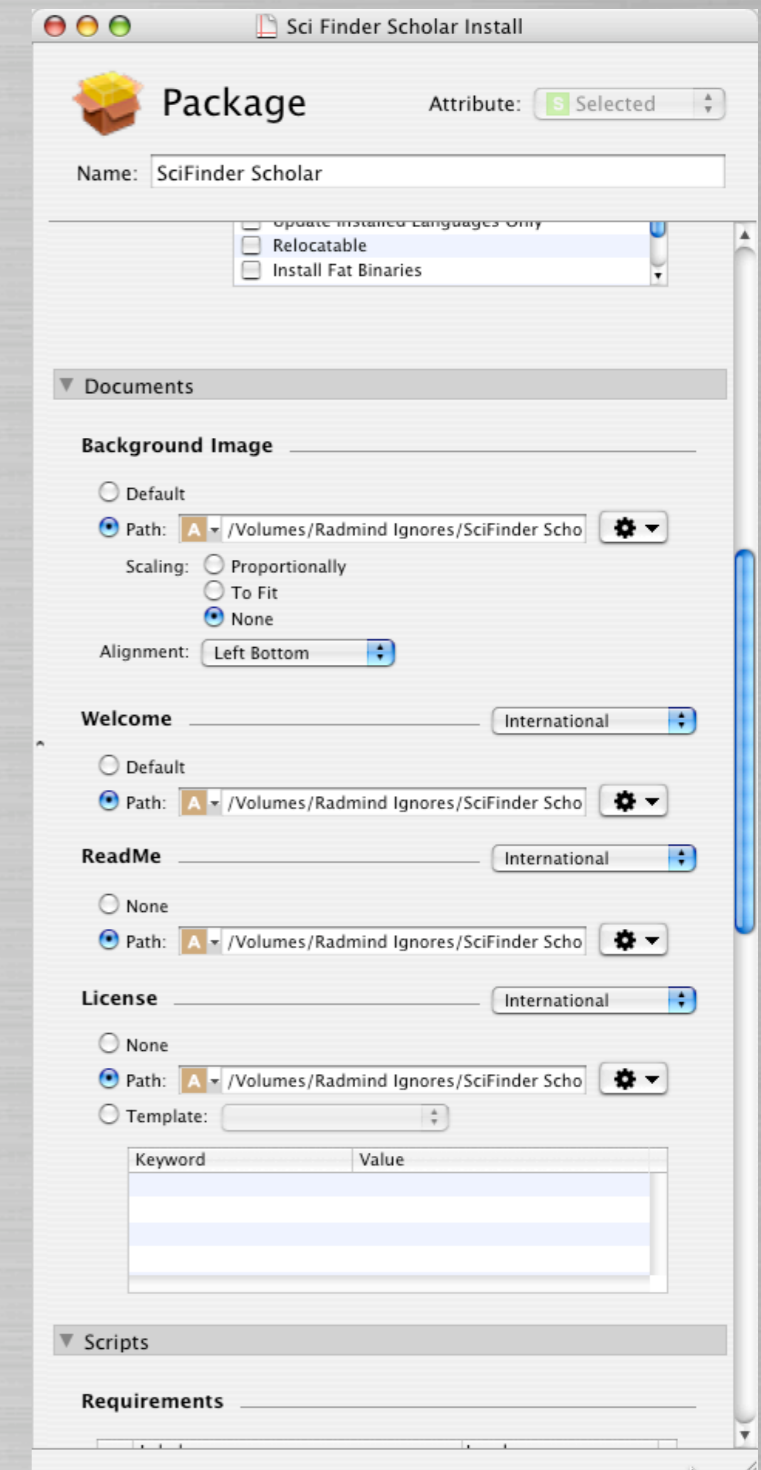
by Ben Martin



# What is it?

## GUI for Creating Packages and Metapackages Conforming to Mac OS X Specifications.

- Free-ware (BSD License)
- Mac-only
- Fairly good web documentation and an intuitive design lead to ease of use



# Why use it?

## Customizable

- Documents (Welcome, ReadMe, License)
- Script options (preflight, post-flight, etc.)
- Custom graphics (in installer, icon)

## Use With ARD

- Push installers out to the machines you manage

## Place Installer on Server

- Assist your users by creating installers they can download

## KeyServer

- Push out installers with license/serial number info entered and have the application keyed with KeyServer



# Why use it? (cont.)

## ● Repurposing Installers

- You may need auxiliary apps to do this (Pacifist, File Buddy, LogGen, Radmin)

## ● Tracking What Gets Installed

## ● Grouping Application Packages

## ● Installing Software For Small Groups





# Repackaging Auxiliary Apps

## Ⓚ Pacifist

- Explore contents of Mac OS X .pkg files

## Ⓚ File Buddy or Uninstaller

- Create snapshots that can be used to track the changes on a disk, such as files installed by an installer. Use snapshots to uninstall applications.

## Ⓚ LogGen

- logGen is a command-line utility (for now) for detecting filesystem changes after a preference change or package installation. This is primarily useful when creating your own .pkg files so you know what you need to package.



# Repackaging Auxiliary Apps (cont.)

## Radmind

- **Full setup**
  - Bring client up-to-date
  - Install software
  - Setup software (license & serial number)
  - Launch Software at least twice
  - Use Radmind tool fsdiff to find modifications
- **No Setup**
  - Install Radmind tools
  - Create empty command file with negative
  - Use Radmind tool fsdiff to scan file system and output to transcript
  - Add transcript to clients local command file
  - Install Software (license and serial number)
  - Launch software at least twice
  - Run fsdiff to scan system and output to transcript



# Demos

## Demo SciFinder Scholar Installer

- Installing into user space
- Permission challenges
- Post-flight Script

## Demo Pacifist

## Demo Uninstaller

- Limitations: File permissions and checksum.



# Things to be Careful About

(Besides Evil Dogs)

## SCRIPTS!

- Many installers are going to run preflight and post-flight scripts, which can cause trouble.

## Permissions

- You don't want your installer messing up permissions of default file structure (ie /etc, /Applications, users space, etc.)

## Is App Fully Setup?

- Many apps need to be run several times to be fully functional

## Dependencies

- Application groups (Adobe apps)

## Know Limitations of Auxiliary Apps







# Questions & Answers

Any questions or answers?

